

RELMA

REgenstrief LOINC Mapping Assistant

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INDIANA UNIVERSITY

DEPARTMENT OF MEDICINE
School of Medicine



Regenstrief Institute
Medical Informatics

Overview

1. Other tools for LOINC Mapping

2. RELMA

1. Highlights
2. Simple search
3. Mapping
4. Other RELMA Features



The LOINCer's Toolbox




search.loinc.org

A convenient place to browse LOINC

search.loinc.org

Search LOINC

Options ▾ Help ▾



LOINC®

Logical Observation Identifiers Names and Codes

Score ▴	LOINC	Component	Property ▴	Timing ▴	System	Scale	Method	exUCUMUnits	exUnits	Rank	Class	LongName
7.78	718-7	Hemoglobin	MCnc	Pt	Bld	Qn		g/dL	g/dL; g/L	2	HEM/BC	Hemoglobin [Mass/vol]
7.78	789-8	Erythrocytes	NCnc	Pt	Bld	Qn	Automated count	10*6/uL	10^12/L;million/m	9	HEM/BC	Erythrocytes [#volume]
7.78	786-4	Erythrocyte mean corpuscular hemoglobin concentration	MCnc	Pt	RBC	Qn	Automated count	g/dL	g/L;g/dL	10	HEM/BC	Erythrocyte mean corp [Mass/volume] by Auto
7.78	785-6	Erythrocyte mean corpuscular hemoglobin	EntMass	Pt	RBC	Qn	Automated count	pg	pg	11	HEM/BC	Erythrocyte mean corp Automated count
7.78	4544-3	Hematocrit	VFr	Pt	Bld	Qn	Automated count	%	L/L;%	14	HEM/BC	Hematocrit [Volume Fr]
7.78	6690-2	Leukocytes	NCnc	Pt	Bld	Qn	Automated count	10*3/uL	10^9/L	15	HEM/BC	Leukocytes [#volume]
7.78	787-2	Erythrocyte mean corpuscular volume	EntVol	Pt	RBC	Qn	Automated count	fL	fL	17	HEM/BC	Erythrocyte mean corp Automated count
7.78	777-3	Platelets	NCnc	Pt	Bld	Qn	Automated count	10*3/uL	10^9/L	18	HEM/BC	Platelets [#volume] in
7.78	788-0	Erythrocyte distribution width	Ratio	Pt	RBC	Qn	Automated count	%	%	24	HEM/BC	Erythrocyte distribution
7.78	770-8	Neutrophils/100 leukocytes	NFr	Pt	Bld	Qn	Automated count	%	%	25	HEM/BC	Neutrophils/100 leukoc
7.78	704-7	Basophils	NCnc	Pt	Bld	Qn	Automated count	10*3/uL	10^9/L;k/cumm	27	HEM/BC	Basophils [#volume] ir
7.78	20570-8	Hematocrit	VFr	Pt	Bld	Qn		%	%	28	HEM/BC	Hematocrit [Volume Fr]
7.78	26515-7	Platelets	NCnc	Pt	Bld	Qn		10*3/uL	k/cumm	31	HEM/BC	Platelets [#volume] in

Search generated 250 hits in 0.016 secs.

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Search Syntax

Same as in RELMA

Google-like

AND, OR, -<word>, +<word>

Limit by category (e.g. class:micro)

Wildcards (? and *)




**Assumes EXACT MATCH
unless you use wildcards**

search.loinc.org

Search LOINC

Options ▾ Help ▾



LOINC®

Logical Observation Identifiers Names and Codes

class:hem commonlabresult:true

Search

1 / 20

[1 - 13 / 250]

Score ▾	LOINC	Component	Property ▾	Timing ▾	System	Scale ▾	Method	exUCUMunits ▾	exUnits ▾	Rank	Class	LongName
7.78	718-7	Hemoglobin	MCnc	Pt	Bld	Qn		g/dL	g/dL; g/L	2	HEM/BC	Hemoglobin [Mass/vol]
7.78	789-8	Erythrocytes	NCnc	Pt	Bld	Qn	Automated count	10^6/uL	10^12/L;million/m	9	HEM/BC	Erythrocytes [#volume]
7.78	786-4	Erythrocyte mean corpuscular hemoglobin concentration	MCnc	Pt	RBC	Qn	Automated count	g/dL	g/L;g/dL	10	HEM/BC	Erythrocyte mean corp [Mass/volume] by Auto
7.78	785-6	Erythrocyte mean corpuscular hemoglobin	EntMass	Pt	RBC	Qn	Automated count	pg	pg	11	HEM/BC	Erythrocyte mean corp Automated count
7.78	4544-3	Hematocrit	VFr	Pt	Bld	Qn	Automated count	%	L/L;%	14	HEM/BC	Hematocrit [Volume Fr]
7.78	6690-2	Leukocytes	NCnc	Pt	Bld	Qn	Automated count	10^3/uL	10^9/L	15	HEM/BC	Leukocytes [#volume]
7.78	787-2	Erythrocyte mean corpuscular volume	EntVol	Pt	RBC	Qn	Automated count	fL	fL	17	HEM/BC	Erythrocyte mean corp Automated count
7.78	777-3	Platelets	NCnc	Pt	Bld	Qn	Automated count	10^3/uL	10^9/L	18	HEM/BC	Platelets [#volume] in
7.78	788-0	Erythrocyte distribution width	Ratio	Pt	RBC	Qn	Automated count	%	%	24	HEM/BC	Erythrocyte distribution
7.78	770-8	Neutrophils/100 leukocytes	NFr	Pt	Bld	Qn	Automated count	%	%	25	HEM/BC	Neutrophils/100 leukoc
7.78	704-7	Basophils	NCnc	Pt	Bld	Qn	Automated count	10^3/uL	10^9/L;k/cumm	27	HEM/BC	Basophils [#volume] ir
7.78	20570-8	Hematocrit	VFr	Pt	Bld	Qn		%	%	28	HEM/BC	Hematocrit [Volume Fr]
7.78	26515-7	Platelets	NCnc	Pt	Bld	Qn		10^3/uL	k/cumm	31	HEM/BC	Platelets [#volume] in

Search generated 250 hits in 0.016 secs.

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search.loinc.org

785-6 Erythrocyte mean corpuscular hemoglobin [Entitic mass] by Automated count

NAME

Fully-Specified Name:	Component	Property	Time Aspect	System	Scale	Method
	Erythrocyte mean corpuscular hemoglobin	EntMass	Pt	RBC	Qn	Automated count

DEFINITION/DESCRIPTION

Source: Wikipedia

The mean corpuscular hemoglobin, or "mean cell hemoglobin" (MCH), is the average mass of hemoglobin per red blood cell in a blood sample. It is decreased in hypochromic anemias, and increased in hyperchromic anemias. MCH is obtained by dividing the total mass of hemoglobin by the number of red blood cells in a volume of blood.

$MCH = (Hgb * 10) / RBC$

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URL: [MCH](#)

BASIC ATTRIBUTES

Class/Type:	HEM/BC/Lab
Common Lab Results Rank:	#11
Last Updated:	2010/03/08
Order vs. Obs.:	Observation
Status:	Active

FORMULA -- READABLE

$Hgb (g/L) / RBC (x10^{12}/L)$

MEMBER OF THESE PANELS

57021-8	CBC W Auto Differential panel in Blood
57022-6	CBC W Reflex Manual Differential panel in Blood
57782-5	CBC with Ordered Manual Differential panel in Blood
58410-2	Complete blood count (hemogram) panel in Blood by Automated count

PARTS

Part Type	Part No.	Part Name
Component	LP17689-8	Erythrocyte mean corpuscular hemoglobin
Property	LP6809-0	EntMass [Entitic mass]
Time	LP6960-1	Pt [Point in time (spot)]
System	LP7536-8	RBC [Red Blood Cells]
Scale	LP7753-0	Qn

Alternate Language Search

Search LOINC

Options ▾ Help ▾

- Search Constraints ...
- Detail Display Options ...
- Result Display Options ...
- Configure Results Grid ...
- Set Language ...

LOINC®
on Identifier

Score ▾	LOINC	Component
11.44	785-6	Erythrocyte mean corp hemoglobin

Class ▾ LongName ▾

HEM/BC	Erythrocyte mean corp Automated count
--------	---------------------------------------

Set Language

Language	Producer
<input type="radio"/> Greek (GREECE)	Efstratia Kontaxi, MD, MSc, and Evripidis Stefanidis
<input type="radio"/> Spanish (ARGENTINA)	Diploma of Electrical and Computer Engineering.
<input type="radio"/> Chinese (CHINA)	Conceptum Medical Terminology Center
<input type="radio"/> Estonian (ESTONIA)	Bethune International Peace Hospital
<input type="radio"/> Korean (KOREA, REPUBLIC OF)	Estonian E-Health Foundation
<input type="radio"/> French (CANADA)	Korean Ministry for Health, Welfare, and Family Affa
<input type="radio"/> Italian (ITALY)	Canada Health Infoway Inc.
<input checked="" type="radio"/> German (GERMANY)	Consiglio Nazionale delle Ricerche
<input type="radio"/> Spanish (SPAIN)	Institute for Medical Documentation and Information
<input type="radio"/> English (UNITED STATES)	the Clinical Laboratory Committee of SERVICIO EX
	Regenstrief Institute Inc.

Ok Cancel

Search generated 1 hits in 0.006 secs.
javascript:

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Alternate Language Search

CercaLOINC

Opzioni ▾ Aiuto ▾



LOINC®

Logical Observation Identifiers Names and Codes

Cerca

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[1 - 10 / 35]

Punteggi	LOINC	Component	Property	Timing	System	Scale	Method	esempio unità UC	esempio unità	Rank
34.19	28539-5	Eritrociti, emoglobina corpuscolare media	EntMass	Pt	RBC	Qn		pg	pg	
34.19	47278-7	Eritrociti, emoglobina corpuscolare media	EntMass	Pt	Sangue cordone ombelicale	Qn		pg	pg	
34.19	59468-9	Eritrociti, emoglobina corpuscolare media	EntSub	Pt	RBC	Qn		fmol	fmol	
34.19	62243-1	Eritrociti, emoglobina corpuscolare media	EntMass	Pt	Sangue^feto	Qn	Conta automatica	pg	pg	
34.19	785-6	Eritrociti, emoglobina corpuscolare media	EntMass	Pt	RBC	Qn	Conta automatica	pg	pg	11
31.44	28540-3	Eritrociti, concentrazione emoglobinica corpuscolare media	MCnc	Pt	RBC	Qn		g/dL	g/dL	
31.44	47279-5	Eritrociti, concentrazione emoglobinica corpuscolare media	MCnc	Pt	Sangue cordone ombelicale	Qn		g/L	g/L	
31.44	59467-1	Eritrociti, concentrazione emoglobinica corpuscolare media	SCnc	Pt	RBC	Qn		mmol/L	mmol/L	
31.44	62246-4	Eritrociti, concentrazione emoglobinica corpuscolare media	MCnc	Pt	Sangue^feto	Qn	Conta automatica	g/L	g/L	
31.44	786-4	Eritrociti, concentrazione emoglobinica corpuscolare media	MCnc	Pt	RBC	Qn	Conta automatica	g/dL	g/L;g/dL	10

Search generated 35 hits in 0.142 secs.

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LOINC Mapper's Guide to the Top 2000

loinc.org/usage

LOINC Usage

Harnessing Zipf's law for you.

[results](#) | [orders](#) | [units](#)

Common LOINC Laboratory Observation Codes

We created an empirically-based list of the **most common LOINC result codes** for laboratories, practices, researchers, and others who wish to map their laboratory test results to LOINC codes. Knowing that a relatively small number of codes account for much of the result volume, we think that Top 2000+ list will be an efficient way to represent about 98% of the test volume carried by three large

Lab Tests with a wealth of advice and guidance about which codes to



Current Versions

LOINC 2.38

Released: 2011-12-30

RELMA 5.5

Released: 2011-12-30

[Download Now](#)

Recent Forum Posts

Microbiology | Re: Microbiology Text results and LOINC

Microbiology | Re: Organism Names and LOINC?

[More posts...](#)

LOINC New paper published in JBI about helping map to #LOINC with RELMA by augmenting local test names [loinc.org/articles/Kim20...](#) about 1 hour ago · reply · retweet · favorite

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"Top 2000 Results"

LOINC Top 2000+ Lab Observations and Mapper's Guide

- [LOINC Mapper's Guide to the Top 2000+ Lab Observations - Introduction to Version 1.0 \(pdf\)](#)

File Version: Top 2000+ Lab Observations Introduction 1.0 | File type: application/pdf | Release Date: 2011-05-31

File Description: Background document describing the origins, development, and organization of the LOINC Mapper's Guide to the Top 2000+ Lab Observations.

- [LOINC Mapper's Guide to the Top 2000+ Lab Observations - Version 1.0a \(pdf\)](#)

File Version: LOINC Mapper's Guide to the Top 2000+ Lab Observations 1.0 | File type: application/pdf | Release Date: 2011-06-01

File Description: Document containing mapping guidance for the LOINC Top 2000+ Lab Observations.

OID: 1.3.6.1.4.1.12009.10.2.3

- [LOINC Mapper's Guide to the Top 2000+ Lab Observations - Version 1.0a \(xlsx\)](#)

File Version: LOINC Mapper's Guide to the Top 2000+ Lab Observations 1.0 | File type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet | Release Date: 2010-06-01

File Description: Document containing mapping guidance for the LOINC Top 2000+ Lab Observations. Requires a loinc.org account.

OID: 1.3.6.1.4.1.12009.10.2.3

- [LOINC Top 2000+ Lab Observations - Version 1.0 \(csv\)](#)

File Version: Top 2000+ Lab Observations 1.0 | File type: text/comma-separated-values | Release Date: 2010-05-31

File Description: The list of LOINC Top 2000+ Lab Observations in a simple CSV file. Does NOT contain mapping guidance.

OID: 1.3.6.1.4.1.12009.10.2.3

Notes about Version 1.0a: This version contains a couple of corrections for UCUM units. The rest of the content is unchanged from version 1.0 (2010-05-31)

Mapper's Guide to Top 2000

Introduction to the Guide to the Top 2000+ LOINC Laboratory Observations

Why a Table of the Top 2000+ Tests?

We created this list for laboratories, practices, researchers, and others who wish to map their laboratory test codes to universal LOINC codes (<http://loinc.org>). The “Mapper’s Guide” provides a starter, target set of LOINC codes against which to map local test codes, as well as guidance about which LOINC codes to choose for which purpose. This list contains the 2017 most commonly reported LOINC codes, representing about 98% of the test volume carried by three large organizations that mapped all of their laboratory tests to the LOINC codes.

Each row in the spreadsheet and the PDF report of its contents carries information about one laboratory test observation including its LOINC code and name, example units of measure expressed in UCUM units (<http://unitsofmeasure.org>), its relative frequency (rank), guidance (in some cases) about when to choose that test code, and more. The corresponding spreadsheet carries, in addition, the LOINC short name and the full six parts of the LOINC formal name.

If you are a laboratory, we advise you to organize your mapping effort by LOINC class override, which will correspond roughly to your laboratory section.

Download Formats

You will be able to obtain the Mapper’s Guide in three formats downloadable from the LOINC web site at no cost (<http://loinc.org/usage>):

LOINC MAPPER'S GUIDE TO TOP 2000+ LAB TESTS v1.0a

SORT BY: Class Override >System
Adjusted > Long Common Name

	B	C	E	F	G	H	I	P
	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1								
126		Antibacterial susceptibility						
		<p>The statistics for antibiotic susceptibility tests in the Top 2000 List are not as broadly based as most of the other test categories, because antibiotic susceptibilities were available from only one of our 3 sources.</p> <p>LOINC provides codes for antibiotic susceptibility testing based on method used. The four major categories are as follows:</p> <ol style="list-style-type: none"> 1) A general flavor that does not specify the method of testing used 2) Minimum Inhibitory Concentrations (MIC) 3) Kirby Bauer disc testing (KB) and 4) Gradient strip (E-test) <p>The general flavor can be used to report results for any of the three more specific approaches (Kirby Bauer, MIC or E-test susceptibilities) assuming that the details regarding the method of testing is provided elsewhere in the messages or in other OBX segments.</p> <p>The majority of the antibiotic susceptibility tests that made it into the top 2000 list are of this general flavor type, but a few MIC tests and gradient strip LOINC codes also appear. In case your laboratory prefers the more specific codes for the antibiotics listed here, you can find them under the Antibiotic susceptibility class in the full LOINC database.</p> <p>Some of the antibiotics used to treat tuberculosis are also used to treat more common bacterial infections. LOINC provides specific codes for reporting antibiotic susceptibilities to slow growing Mycobacteria – such as M.tuberculosis, M.avium and M.intracellular, and these codes should be used for reporting antibiotic susceptibilities for such bacteria. These codes can be identified by the phrase “slow growing mycobacteria” in the method part of the LOINC name. Antibiotic susceptibilities to a fast growing mycobacteria can be reported under the same codes as any other bacteria.</p>						
127								
128	13317-3	Methicillin resistant Staphylococcus aureus [Presence] in Unspecified specimen by Organism specific culture	Antibacterial susceptibility	146			Methicillin Resistant Staphylococcus via culture--	Any
129	18860-7	Amikacin [Susceptibility]	Antibacterial susceptibility	414				Isolate
130	18862-3	Amoxicillin+Clavulanate [Susceptibility]	Antibacterial susceptibility	549				Isolate
131	18864-9	Ampicillin [Susceptibility]	Antibacterial susceptibility	331				Isolate
132	18865-6	Ampicillin+Sulbactam [Susceptibility]	Antibacterial susceptibility	330				Isolate
133	18868-0	Aztreonam [Susceptibility]	Antibacterial	454				Isolate

Also available as .CSV file

	A	B	C	D	E
1	LOINC_NUM	LongName	SHORTNAME	CLASS	Rank
2	2160-0	Creatinine [Mass/volume] in Serum or Plasma	Creat SerPl-mCnc	CHEM	1
3	718-7	Hemoglobin [Mass/volume] in Blood	Hgb Bld-mCnc	HEM/BC	2
4	2823-3	Potassium [Moles/volume] in Serum or Plasma	Potassium SerPl-sCnc	CHEM	3
5	2345-7	Glucose [Mass/volume] in Serum or Plasma	Glucose SerPl-mCnc	CHEM	4
6	2951-2	Sodium [Moles/volume] in Serum or Plasma	Sodium SerPl-sCnc	CHEM	5
7	3094-0	Urea nitrogen [Mass/volume] in Serum or Plasma	BUN SerPl-mCnc	CHEM	6
8	2028-9	Carbon dioxide, total [Moles/volume] in Serum or Plasma	CO2 SerPl-sCnc	CHEM	7
9	2075-0	Chloride [Moles/volume] in Serum or Plasma	Chloride SerPl-sCnc	CHEM	8
10	789-8	Erythrocytes [# /volume] in Blood by Automated count	RBC # Bld Auto	HEM/BC	9
11	786-4	Erythrocyte mean corpuscular hemoglobin concentration [M	MCHC RBC Auto-mCnc	HEM/BC	10
12	785-6	Erythrocyte mean corpuscular hemoglobin [Entitic mass] by /	MCH RBC Qn Auto	HEM/BC	11
13	17861-6	Calcium [Mass/volume] in Serum or Plasma	Calcium SerPl-mCnc	CHEM	12
14	2339-0	Glucose [Mass/volume] in Blood	Glucose Bld-mCnc	CHEM	13
15	4544-3	Hematocrit [Volume Fraction] of Blood by Automated count	Hct VFr Bld Auto	HEM/BC	14
16	6690-2	Leukocytes [# /volume] in Blood by Automated count	WBC # Bld Auto	HEM/BC	15
17	1742-6	Alanine aminotransferase [Enzymatic activity/volume] in Ser	ALT SerPl-cCnc	CHEM	16
18	787-2	Erythrocyte mean corpuscular volume [Entitic volume] by Au	MCV RBC Auto	HEM/BC	17
19	777-3	Platelets [# /volume] in Blood by Automated count	Platelet # Bld Auto	HEM/BC	18
20	1920-8	Aspartate aminotransferase [Enzymatic activity/volume] in S	AST SerPl-cCnc	CHEM	19
21	1751-7	Albumin [Mass/volume] in Serum or Plasma	Albumin SerPl-mCnc	CHEM	20
22	1975-2	Bilirubin.total [Mass/volume] in Serum or Plasma	Bilirub SerPl-mCnc	CHEM	21
23	2885-2	Protein [Mass/volume] in Serum or Plasma	Prot SerPl-mCnc	CHEM	22
24	6768-6	Alkaline phosphatase [Enzymatic activity/volume] in Serum o	ALP SerPl-cCnc	CHEM	23
25	788-0	Erythrocyte distribution width [Ratio] by Automated count	RDW RBC Auto-Rto	HEM/BC	24
26	770-8	Neutrophils/100 leukocytes in Blood by Automated count	Neutrophils NFr Bld Auto	HEM/BC	25
27	33914-3	Glomerular filtration rate/1.73 sq M.predicted by Creatinine-	GFR/BSA.pred SerPl MDRD-ArVRat	CHEM	26
28	704-7	Basophils [# /volume] in Blood by Automated count	Basophils # Bld Auto	HEM/BC	27
29	20570-8	Hematocrit [Volume Fraction] of Blood	Hct VFr Bld	HEM/BC	28

loinc.org/documentation

Logical Observation Identifiers Names and Codes (LOINC[®]) Users' Guide

Edited by:

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Please send questions and comments to:

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410 West 10th St. Suite 2000
Indianapolis, IN 46202

or via email:

loinc@regenstrief.org

This and other relevant documents and files are available at

<http://loinc.org>

RELMA®

Regenstrief LOINC® Mapping Assistant

Version 5.6 Users' Manual

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RELMA®

REgenstrief LOINC Mapping Assistant

Get LOINC



Current Versions

LOINC 2.38
Released: 2011-12-30

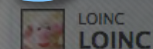
RELMA 5.6
Released: 2012-01-30

Recent Forum Posts

Chemistry | Re: Vitamin D2 & D3, again

Other Training Opportunities | Re: Open Registration: Introduction to webinar 2/15/20

[More posts...](#)



LOINC RT @techydoc: @Farzad_ONC is in the house #hims12 MU Stage 2 will be in the Fed Reg tomorrow! #meaningfuluse #HITPOL
34 minutes ago · reply · retweet · favorite


[Join the conversation](#)

LOINC and RELMA Complete Package



Download Now (free)

LOINC and RELMA Complete Package

 [LOINC and RELMA Complete Download File \(All Formats Included\)](#) (269.6 MB)

File Version: LOINC 2.38 and RELMA 5.6 | Release Date: 2012-01-30 | File type: application/zip

This file contains the RELMA® program installer (which also includes the LOINC® and RELMA® Users' Guides), and the LOINC® database in both MS Access™ and tab-delimited formats.

To download this file you need to log in with your user name and password. If you do not have an account here, head over to the [registration form](#)

LOINC Table

LOINC 2.38
Released: 2011-12-30

The LOINC table with fields for LOINC codes, each of the six parts of the formal name of the LOINC, synonyms, comments, and other information. Distributed as a tab-delimited file and Access database, and a release to release change file. Documentation includes [LOINC Release Notes](#) and a comprehensive [LOINC User's Guide](#).

Download Now (free)

Accessory Files

LOINC 2.38
Released: 2011-12-30

Additional files available in the LOINC distribution.

- [LOINC Panels and Forms File](#)
- [LOINC Multiaxial Hierarchy File](#)
- [LOINC Context-specific Hierarchy Template File](#)

Download Now (free)

RELMA

RELMA 5.6
Released: 2012-01-30

Regenstrief LOINC Mapping Assistant (RELMA®) is a Windows program for searching the LOINC database and helping you map local codes to LOINC codes. Documentation includes [RELMA Release Notes](#) and a comprehensive [RELMA User's Manual](#).

Download Now (free)

Request LOINC CD-ROM

The full LOINC, RELMA, and related files can also be obtained on CD-ROM by filling out our [online request form](#).

What's it Good For?

Browse LOINC

Map your local terms to LOINC

import/export

translate local words to LOINC-speak

manual/automated mapping

RELMA Highlights

Search

Enhanced details view

Common test list

Panels and forms

Results grid with easy

export, copy, paste, more

More RELMA Highlights

User Specified Search Limits

Selectable hierarchy trees for:

- Class

- Multi-axial (component/system)

- System (specimen)

- Component

- Method



Simple Search

For exploring what is in LOINC

Main Menu/Welcome Screen



Simple Search

enter search terms

Limits Part Search

Search ?

Units of Measure: ☐ Common Orders Only ☐ Common Lab Results Only Auto Mapper Search: No

Grid Tree

Ro	Rank	LOINC	Component	Property	Timing	System	Scale	Method	ExUCUMunits	ExU...	Class
----	------	-------	-----------	----------	--------	--------	-------	--------	-------------	--------	-------

Units Specimen Methodless Common Labs Battery Max Words:

0 records found: 0s

Simple Search

enter search terms

detailed help

limit to common tests

limit based on units

"Best Guess"

Click any column header to re-sort

enter search terms

limit to common tests

limit based on units

“Best Guess”

Click any column header to re-sort

detailed help

Search Mapping View All Working S Hierarchy & Search

hematocrit

Units of Measure: ☐ Common Orders Only ☐ Common Lab Results Only

Search

Auto Mapper Search: No

			Property	Timing	System	Scale	Method			Class	
2	14	4544-3	Hematocrit	VFr	Pt	BldA	Qn	Automated count	%	L/L;...	HEM
3		48703-3	Hematocrit	VFr	Pt	BldC	Qn		%	%	HEM
4	164	31100-1	Hematocrit	VFr	Pt	BldCo	Qn		%	%	HEM
5	545	4545-0	Hematocrit	VFr	Pt	BldCo	Qn	Automated count	%	%	HEM
6		32354-3	Hematocrit	VFr	Pt	BldMV	Qn		%	%	HEM
7		42908-4	Hematocrit	VFr	Pt	BldV	Qn		%	%	HEM
8		11151-8	Hematocrit	VFr	Pt	BldCo	Qn		%	%	HEM
9		11271-4	Hematocrit	VFr	Pt	BldCo	Qn	Automated count	%	%	HEM
10		41655-2	Hematocrit	VFr	Pt	BldMV	Qn		%	%	HEM
11		41654-5	Hematocrit	VFr	Pt	BldV	Qn		%	%	HEM
12		62241-5	Hematocrit	VFr	Pt	Bld^fetus	Qn	Automated count	L/L	L/L	HEM
13	733	11153-4	Hematocrit	VFr	Pt	Body fld	Qn		%	L/L;...	HEM
14		55781-9	Hematocrit	VFr	Pt	Bone mar	Qn		%	%	HEM
15		30398-2	Hematocrit	VFr	Pt	CSF	Qn		%	%	HEM
16	911	13508-7	Hematocrit	VFr	Pt	CSF	Qn	Spun	%	%	HEM

Units Specimen Methodless Common Labs Battery Max Words

27 records found: 1.93s

Simple Search

Map Local Terms - CDC-Top110

File Tools HIPAA Lab Auto Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

hematocrit

Units of Measure: ☐ Common Orders Only ☐ Common Lab Results Only

Search

Auto Mapper Search: No

Grid Tree

Ro Rat

Navigate to other RELMA Search tabs

Switch between Grid and Tree Views

					Scale	Method	ExUCUMunits	ExU...	Class
					Qn		%	%	HEM
				Pt	Qn	Automated count	%	L/L;...	HEM
				Pt	Qn	Estimated			HEM
				Pt	Qn	Impedance	%	%	HEM
5	545	4545-0	Hematocrit	VFr	Qn	Spun	%	%	HEM
6		32354-3	Hematocrit	VFr	Qn		%	%	HEM
7		42908-4	Hematocrit	VFr	Qn		%	%	HEM
8		11151-8	Hematocrit	VFr	Qn		%	%	HEM
9		11271-4	Hematocrit	VFr	Qn	Automated count	%	%	HEM
10		41655-2	Hematocrit	VFr	Qn		%	%	HEM
11		41654-5	Hematocrit	VFr	Qn		%	%	HEM
12		62241-5	Hematocrit	VFr	Qn	Automated count	L/L	L/L	HEM
13	733	11153-4	Hematocrit	VFr	Qn	Body fld	%	L/L;...	HEM
14		55781-9	Hematocrit	VFr	Qn	Bone mar			HEM
15		30398-2	Hematocrit	VFr	Qn	CSF	%	%	HEM
16	911	13508-7	Hematocrit	VFr	Qn	CSF	%	%	HEM

Units Specimen Methodless Common Labs Battery Max Words:

27 records found: 1.93s

Tree View

Map Local Terms - CDC-Top110

File Tools HIPAA Lab Auto Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

hematocrit

Units of Measure: ☐ Common Orders Only ☐ Common Lab Results Only

Search

Auto Mapper Search: No

Grid Tree

Row	Category or...	Component	Property	Timing	System	Scale	Method	ExUC...	ExUnits	Rank	DocS...	Code	Details
45919	Hematology											LP31...	details
45920	Hematology											LP30...	details
45990	Hematocrit											LP15...	details
45991	Hematocrit Bld-Ser-Plas											LP45040-0	
45992	Hematocrit...	Hematocrit	VFr	Pt	Bld	Qn		%	%	28		20570-8	details
45993	Hematocrit...	Hematocrit	VFr	Pt	Bld	Qn	Autom...	%	L/L; %	14		4544-3	details
45994	Hematocrit...	Hematocrit	VFr	Pt	Bld	Qn	Estimated					48703-3	details
45995	Hematocrit...	Hematocrit	VFr	Pt	Bld	Qn	Imped...	%	%	164		31100-1	details
45996	Hematocrit...	Hematocrit	VFr	Pt	Bld	Qn	Spun	%	%	545		4545-0	details
45997	Hematocrit/...	Hematocrit/Hemoglo...	Ratio	Pt	Bld	Qn	Automated count					16931-8	details
45998	Hematocrit Blood arterial											LP50017-0	
45999	Hematocrit...	Hematocrit	VFr	Pt	BldA	Qn		%	%			32354-3	details
46000	Hematocrit Blood capillary											LP52614-2	
46001	Hematocrit...	Hematocrit	VFr	Pt	BldC	Qn		%	%			42908-4	details
46002	Hematocrit Blood cord											LP41397-8	
46003	Hematocrit...	Hematocrit	VFr	Pt	BldCo	Qn		%	%			11151-8	details
46004	Hematocrit...	Hematocrit	VFr	Pt	BldCo	Qn	Autom...	%	%			11271-4	details
46005	Hematocrit Blood mixed venous											LP52291-9	
46006	Hematocrit...	Hematocrit	VFr	Pt	BldMV	Qn		%	%			41655-2	details
46007	Hematocrit Blood venous											LP52290-1	

Truncated Text Expand Branch Collapse Branch Hide LOINC

Entry #: 1 of 110

Units Specimen Methodless Common Labs Battery Wastewords

25 records found: 0.45s

Search Window

Map Local Terms - CDC-Top110

File Tools HIPAA Lab Auto Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

hematocrit

Search

Units of Measure: ☐ Common Orders Only ☐ Common Lab Results Only

Auto Mapper Search: No

Grid Tree

Ro	Rank	LOINC	Component	Property	Timing	System	Scale	Method	ExUCUMunits	ExU...	Class
1	28	20570-8	Hematocrit	VFr	Pt	Bld	Qn		%	%	HEM
2	14					Bld	Qn	Automated count	%	L/L;...	HEM
3	487					Bld	Qn	Estimated			HEM
4	164	31100-1	Hematocrit	VFr	Pt	Bld	Qn	Impedance	%	%	HEM
5	545	4545-0	Hematocrit	VFr	Pt	Bld	Qn	Spun	%	%	HEM
6		32354-3	Hematocrit	VFr	Pt	BldA	Qn		%	%	HEM
7		42908-4	Hematocrit	VFr	Pt	BldC	Qn		%	%	HEM
8		11151-8	Hematocrit	VFr	Pt	BldCo	Qn		%	%	HEM
9		11271-4	Hematocrit	VFr	Pt	BldCo	Qn	Automated count	%	%	HEM
10		41655-2	Hematocrit	VFr	Pt	BldMV	Qn		%	%	HEM
11		41654-5	Hematocrit	VFr	Pt	BldV	Qn		%	%	HEM
12		62241-5	Hematocrit	VFr	Pt	Bld^fetus	Qn	Automated count	L/L	L/L	HEM
13	733	11153-4	Hematocrit	VFr	Pt	Body fld	Qn		%	L/L;...	HEM
14		55781-9	Hematocrit	VFr	Pt	Bone mar	Qn				HEM
15		30398-2	Hematocrit	VFr	Pt	CSF	Qn		%	%	HEM
16	911	13508-7	Hematocrit	VFr	Pt	CSF	Qn	Spun	%	%	HEM

27 records found: 1.93s

Grid Options

Map Local Terms - CDC-Top110

File Tools HIPAA Lab Auto Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

hematocrit

Units of Measure: ☐ Common Orders Only ☐

right click a row to bring up context menu

Grid	Tree	Ro	Score	LOINC	Component	Property	ExU...	ExU...	Rank	Class
		1	21.71...	20570-8	Hematocrit	VFr Pt Bld Qn	%	%	28	HEM/BC
		2	21.71...	4544-3	Hematocrit	VFr Pt Bld	L/L...	L/L...	14	HEM/BC
		3	21.71...	48703-3	Hematocrit	VFr Pt Bld				HEM/BC
		4	21.71...	31100-1	Hematocrit	VFr Pt Bld	%		164	HEM/BC
		5	21.71...	4545-0	Hematocrit	VFr Pt Bld	%		545	HEM/BC
		6	21.71...	32354-3	Hematocrit	VFr Pt BldA	%			HEM/BC
		7	21.71...	42908-4	Hematocrit	VFr Pt BldC	%			HEM/BC
		8	21.71...	11151-8	Hematocrit	VFr Pt BldCo	%			HEM/BC
		9	21.71...	11271-4	Hematocrit	VFr Pt BldCo	%			HEM/BC
		10	21.71...	41655-2	Hematocrit	VFr Pt BldMV	%			HEM/BC
		11	21.71...	41654-5	Hematocrit	VFr Pt BldV	%			HEM/BC
		12	21.71...	62241-5	Hematocrit	VFr Pt Bld^fetus	L/L			HEM/BC
		13	21.71...	11153-4	Hematocrit	VFr Pt Body fld	L/L;...		733	HEM/BC
		14	21.71...	55781-9	Hematocrit	VFr Pt Bone mar				HEM/BC
		15	21.71...	30398-2	Hematocrit	VFr Pt CSF	%			HEM/BC
		16	21.71...	13508-7	Hematocrit	VFr Pt CSF	%			HEM/BC
		17	21.71...	47640-8	Hematocrit	VFr Pt Dial fld	%			HEM/BC
		18	21.71...	17809-5	Hematocrit	VFr Pt Urine Qn	%	%		HEM/BC
		19	21.71...	43416-7	Hematocrit	VFr Pt ^Stem cell... Qn				HEM/BC
		20	21.71...	39227-4	Hematocrit test status	Type Pt Bld Nom CPHS				ATTACH.CPI
		21	25.05	41086-1	Hematocrit test status &or results	Only Pt Bld Set CPHS				ATTACH.CPI

Entry #: 1 of 110

Units Specimen Methodless Common Labs Battery Max Words:

25 records found: 0.45s

Search Window

Map Local Terms - CDC-Top110

File Tools HIPAA Lab Auto Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

hematocrit

Search

Units of Measure: ☐ Common Orders Only ☐ Common Lab Results Only

Auto Mapper Search: No

Grid Tree

Ro	Rank	LOINC	Component	Property	Timing	System	Scale	Method	ExUCUMunits	ExU...	Class
1	28	20570-8	Hematocrit	VFr	Pt	Bld	Qn		%	%	HEM/BC
2	14	4544-3	Hematocrit	VFr	Pt	Bld	Qn	Automated count	%	L/L,...	HEM/BC
3		48703-3	Hem	VFr	Pt	Bld	Qn	Estimated			HEM/BC
4	164	3110-3	Hematocrit	VFr	Pt	Bld	Qn	Impedance	%	%	HEM/BC
5	545	4544-3	Hematocrit	VFr	Pt	Bld	Qn	Spun	%	%	HEM/BC
6		3231-3	Hematocrit	VFr	Pt	BldA	Qn		%	%	HEM/BC
7		42908-4	Hematocrit	VFr	Pt	BldC	Qn		%	%	HEM/BC
8		11151-8	Hematocrit	VFr	Pt	BldCo	Qn		%	%	HEM/BC
9		11271-4	Hematocrit	VFr	Pt	BldCo	Qn	Automated count	%	%	HEM/BC
10		41655-2	Hematocrit	VFr	Pt	BldMV	Qn		%	%	HEM/BC
11		41654-5	Hematocrit	VFr	Pt	BldV	Qn		%	%	HEM/BC
12		62241-5	Hematocrit	VFr	Pt	Bld^fetus	Qn	Automated count	L/L	L/L	HEM/BC
13	733	11153-4	Hematocrit	VFr	Pt	Body fld	Qn		%	L/L,...	HEM/BC
14		55781-9	Hematocrit	VFr	Pt	Bone mar	Qn				HEM/BC
15		30398-2	Hematocrit	VFr	Pt	CSF	Qn		%	%	HEM/BC
16	911	13508-7	Hematocrit	VFr	Pt	CSF	Qn	Spun	%	%	HEM/BC
17		47640-8	Hematocrit	VFr	Pt	Dial fld	Qn		%	%	HEM/BC
18		70169-8	Hematocrit	VFr	Pt	Plr fld	Qn		%	%	HEM/BC
19		70168-0	Hematocrit	VFr	Pt	Synv fld	Qn		%	%	HEM/BC

double click a row for details page

Units Specimen Methodless Common Labs Battery Max Words:

27 records found: 1.93s

Details Page

Details for LOINC record # 4544-3

4544-3Hematocrit [Volume Fraction] of Blood by Automated count

NAME	Component	Property	Time Aspect	System	Scale	Method
Fully-Specified Name:	Hematocrit	VF	P	BL	Q	Automated count

DEFINITION/DESCRIPTION

Source: Regenstrief/LOINC
This is the test that referral labs will report when hematocrit alone is ordered.

Source: National Library of Medicine, MeSH 2006
The volume of packed red blood cells in a blood sample. The volume is measured by centrifugation in a tube with graduated markings, or with automated blood cell counters. It is an indicator of erythrocyte status in disease. For example, in anemia the volume is low and in polycythemia it is high.

Last Updated: 2011/11/21 07:04:10 AM

MAPPING GUIDANCE

Source: Regenstrief/Help

Description: Most hematocrits delivered by referral and hospital laboratories will be produced by automated count and, therefore, will be reported with this code (4554-3).

URL: [Mapper's Guide for the Top 2000 plus LOINC Laboratory Observations](#)

Last Updated: 2011/09/08 01:13:21 PM

BASIC ATTRIBUTES

Class/Type:	HEM/BC/Lab
Common Lab Results Rank:	#14
Common Orders Rank:	#61
Last Updated:	2010/12/13
Order vs. Obs.:	Both
Status:	Active

PARTS

Part Type	Part No.	Part Name
Component	LP15101-6	Hematocrit

Simple Display

Text Size: Medium

Separated pages

Preview

4544-3

New

Print

Close

Type Ctrl-F to search the text of the details.

4544-3

1 of 1



Mapping to LOINC

RELMA's main purpose

Importing Local Terms into RELMA



Import Local Terms

4 Ways to Build LMOF

1. Hand enter **bad**
2. Make your own table **bad**
3. Import your test catalog from text file **good**
4. Import from real HL7 v2.x messages **best**

Main Menu/Welcome Screen



Core Mapping Screen Features

Map Local Terms - CDC-Top110

File Tools HIPAA Lab Auto Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Local Term File

Mapped to: 20420-6 Prostatic acid phosphatase [Mass/Volume] in Serum
OBR-4 Code: OBR-3 Code: Units: Sample Values: Limit to Default Specimen:
Extra Search Words: 1
Accept or enter OBR name and/or OBR name
ACID PHOSPHATASE PROSTATIC

View: All Search Clear Inputs Clear Most Limits Common lab results Lookup Term By #
1 of 110 Show Words Propose Term Auto Mapper Search: No

Grid Tree

Ro	Score	LOINC	Component	Property	Timing	System	Scale	Method	ExU...	ExU...	Ra...	Class
6	30.01...	20420-6	Acid phosphatase,prostatic	MCnc	Pt	Ser	Qn		ng/mL	ug/...	1931	CHEM
3	30.01...	1713-7	Acid phosphatase,prostatic	CCnc	Pt	Semen	Qn					CHEM
1	27.96...	12173-1	Acid phosphatase,non-prostatic	CCnc	Pt	Ser/Plas	Qn		U/L	U/L		CHEM
7	30.01...	16317-0	Acid phosphatase,prostatic	ACnc	Pt	Vag	Ord					CHEM
4	30.01...	43718-6	Acid phosphatase,prostatic	ACnc	Pt	Ser	Ord					CHEM
9	30.01...	10509-8	Acid phosphatase,prostatic Ag	ACnc	Pt	Tiss	Ord	Immune stain				PATH
5	30.01...	1714-5	Acid phosphatase,prostatic	CCnc	Pt	Ser	Qn		U/L	U/L		CHEM
2	30.01...	10553-6	Acid phosphatase,prostatic	CCnc	Pt	Genital fld	Qn		ukat/L	uka...		CHEM
8	30.01...	1712-9	Acid phosphatase,prostatic	CCnc	Pt	Vag	Qn					CHEM

Truncated Text Print Preview

Entry #: 1 of 110 Units Specimen Methodless Common Labs Battery Max Words: 9 records found: 0.05s

Customizable grid
Sort by columns
View term details

Export results grid
Stores mappings

Mapping Screen

Map Local Terms - LOINC Workshop OBR

File Tools HIPAA Intelligent Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Local Term File

Mapped to: Name:

Next Previous First Last

OBR-4 Code: 665670 OBR-3 Code: 755367 Units: mmol/L Sample Values: Limit to Default Specimen:

Extra Set

View: All

8 of 473

Search Clear Inputs Clear Most Limits Common tests 99.+ %tile Lookup Term By #

Show Words Propose Term

Local Term Details

Grid Tree

Row	LOINC #	Component	Property	Time Aspect	System	Scale	Method	Ex...	Ex...
Truncated Text									

Print Preview

Quick select button list

- View Details
- Print Grid
- Map
- Same
- Export
- Configure Export
- Configure Grid

Entry #: 8 of 473 Units Specimen Methodclass Common 99% Battery Ex Words 13 records found: 0.02s

Standard Mapping Screen

Map Local Terms - LOINC Workshop OBR

File Tools HIPAA Intelligent Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Local Term File

Mapped to: Name:

OBR-4 Code: OBX-3 Code: Units: Sample Values: Limit to Default Specimen:

Extra Search Words:

Accept or enter OBR name and/or OBX name

BASIC METABOLIC PANEL CHLORIDE SERPL QN

View: All

Search Clear Inputs Clear Most Limits Common tests 99.+ %tile Lookup Term By #

7 of 473

Propose Term

Begin a search (or hit "enter")

Use	# Hits	Use	Local Words	# Hits
<input checked="" type="checkbox"/> 1	23	<input checked="" type="checkbox"/> 5	serpl	7331
<input checked="" type="checkbox"/> 2	15	<input checked="" type="checkbox"/> 6	qn	33024
<input checked="" type="checkbox"/> 3	848	<input type="checkbox"/> 7		
<input checked="" type="checkbox"/> 4	124	<input type="checkbox"/> 8		

Grid Tree

Row	LOINC #	Component	Property	Time Aspect	System	Scale	Method	Ex...	Ex. Unit
Truncated Text									

Print Preview

View Details Print Grid Map Same Export Configure Export Configure Grid

Entry #: 7 of 473 Units Specimen Methodless Common 99% Battery (ex. Units)

2 records found: 0.02s

Initial Mapping Results

Map Local Terms - LOINC Workshop OBR

File Tools HIPAA Intelligent Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Local Term File Mapped to: Name:

Next Local Term Details

Units: Sample Values: Limit to Default Specimen:

Click to show words used in search

Basic METABOLIC PANEL CHLORIDE SERPL QN

All Clear Inputs Clear Most Limits Common tests 99.+ %tile Lookup Term By #

7 of 473 Show Words Propose Term

Grid Tree

Row	LOINC #	Component
-----	---------	-----------

No Matches

No records matched your search criteria. Note that the following search restrictions caused records to be eliminated from the results:

No LOINC#s were found to contain the keywords basic, metabolic, panel, chloride, serpl, and qn.

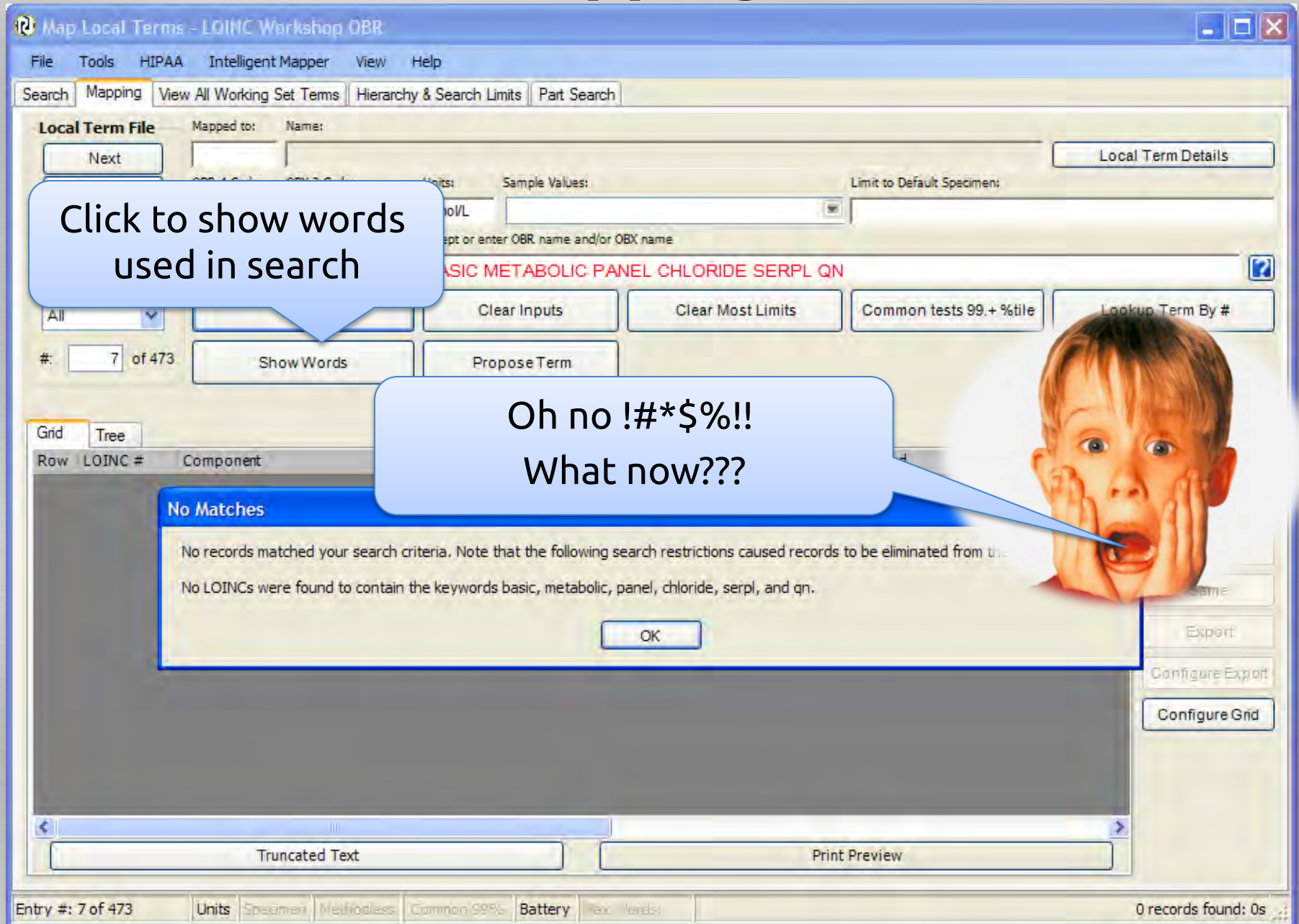
OK

Oh no !#*\$%!!
What now???

Truncated Text Print Preview

Entry #: 7 of 473 Units Specimen Methodclass Common: 99% Battery

0 records found: 0s



Initial Mapping Results

Map Local Terms - LOINC Workshop OBR

File Tools HIPAA Intelligent Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Local Term File Mapped to: Name:

Next Previous First

OBR-4 Code: 865670 OBX-3 Code: 755366 Units: mmol/L Sample Values: Limit to Default Specimen:

Extra Search Words:

Search

Common tests 99.+ %tile

7 of 473

Use	Local Words	# Hits	Use	Local Words	# Hits
<input checked="" type="checkbox"/> 1	basic	23	<input checked="" type="checkbox"/> 5	serpl	7331
<input checked="" type="checkbox"/> 2	metabolic	15	<input checked="" type="checkbox"/> 6	qn	33024
<input checked="" type="checkbox"/> 3	panel	848	<input type="checkbox"/> 7		
<input checked="" type="checkbox"/> 4	chloride	124	<input type="checkbox"/> 8		

Grid Tree

Row	LOINC #	Component	Property	Time Aspect	System	Scale	Method	Ex....	Ex. Unit
Truncated Text									

Print Preview

Entry #: 7 of 473 Units Specimen Methodless Common: 99% Battery

0 records found: 0s

Use term checkbox

Number of LOINC terms containing keyword

Battery terms included in search

Revised Mapping Results

Map Local Terms - LOINC Workshop OBR

File Tools HIPAA Intelligent Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Local Term File

Mapped to: Name:

Local Term Details

Next Previous First Last

View: All

OBR-4 Code: 665670 OBX-3 Code: 755366 Units: mmol/L Sample Values: Limit to Default Specimen:

Extra Search Words: Accept: enter OBR name and/or OBX name

CHLORIDE SERPL QN

Search Clear Inputs Clear Most Limits Common tests 99.+ %tile Lookup Term By #

#: 7 of 473

Use Local Words

☒ 1 chloride

☒ 2 serpl

☒ 3 qn

☐ 4

Grid Tree

Row	LOINC #	Component	Property	Time Aspect	System	Scale	Method	Ex...	Ex. Unit
1	2075-0	Chloride	SCnc	Pt	Ser/Plas	Qn		mmol/L	mmol/L
2	54369-4	Chloride^post dialysis	SCnc	Pt	Ser/Plas	Qn		mmol/L	mmol/L

View Details Print Grid

Wrap Same Export Configure Export Configure Grid

Print Preview

Entry #: 7 of 473 Units Specimen Methodless Common 99% Battery Max Words: 2 records found: 0.02s

Limits to LOINC with property consistent with local units

Units restriction selected by default

Re-revised Mapping Results

Map Local Terms - LOINC Workshop OBR

File Tools HIPAA Intelligent Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Local Term File

Mapped to: Name:

Local Term Details

OBR-4 Code: 865670 OBX-3 Code: 755366 Units: mmol/L Sample Values: Limit to Default Specimen:

Extra Search Words: Accept or enter OBR name and/or OBX name

CHLORIDE SERPL QN

View: All

Search Clear Inputs Clear Most Limits Common tests 99.+ %tile Lookup Term By #

7 of 473 Hide Words Propose Term

Use	Local Words	# Hits	Use	Local Words	# Hits
<input checked="" type="checkbox"/> 1	chloride				
<input checked="" type="checkbox"/> 2	serpl				
<input checked="" type="checkbox"/> 3	qn				
<input type="checkbox"/> 4					

Click any column header to re-sort

Grid Tree

Row	LOINC #	Component	Property	Time Aspect	System	Scale	Method	Ex...	Ex. Unit
1	13006-2	1,4-Dichlorobenzene	MCnc	Pt	Ser/Plas	Qn			
2	2075-0	Chloride	SCnc	Pt	Ser/Plas	Qn		mmol/L	mmol/L
3	54369-4	Chloride^post dialysis	SCnc	Pt	Ser/Plas	Qn		mmol/L	mmol/L
4	9505-9	Chlorobenzene	MCnc	Pt	Ser/Plas	Qn			
5	54937-8	Chloroform	MCnc	Pt	Ser/Plas	Qn			
6	39			Pt	Ser/Plas	Qn			
7	11			Pt	Ser/Plas	Qn			
8	11			Pt	Ser/Plas	Qn			

Match units unselected

Number of matching records found

View Details Print Grid

Print Preview Configure Grid

Entry #: 7 of 473 Units Specimen Methodless Common 99% Battery Max Words: 8 records found: 0s

Ad hoc term search

Map Local Terms - LOINC Workshop OBR

File Tools HIPAA Intelligent Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Local Term File

Mapped to: Name:

Next Previous First Last

View: All

7 of 473

Enter keywords here

Limit to Default Specimen:

Extra Search Words: Accept or enter Observation and/or OBX name

CANINE DISTEMPER VIRUS IF

Search Clear Inputs Clear Most Limits Common tests 99.+ %tile Lookup Term By #

Hide Words Propose Term

Use	Local Words	# Hits	Use	Local Words	# Hits
<input type="checkbox"/> 1			<input type="checkbox"/> 5		
<input type="checkbox"/> 2			<input type="checkbox"/> 6		
<input type="checkbox"/> 3			<input type="checkbox"/> 7		
<input type="checkbox"/> 4			<input type="checkbox"/> 8		

Grid Tree

Row	LOINC #	Component	Property	Time Aspect	System	Scale	Method	Ex...	Ex. Unit
-----	---------	-----------	----------	-------------	--------	-------	--------	-------	----------

Truncated Text Print Preview

View Details Print Grid Map Save Export Configure Export Configure Grid

Entry #: 7 of 473 Units Specimen Methodless Common 99% Battery Max Words: 8 records found: 0s

Assigning a LOINC Map

Map Local Terms - LOINC Workshop OBR

File Tools HIPAA Intelligent Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Local Term File

Mapped to: Name:

Next Previous First Last

OBR-4 Code: 665670 OBX-3 Code: 755366 Units: mmol/L Sample Values: Limit to Default Specimen:

Extra Search Words: CHLORIDE SERPL QN

View: All

7 of 473

Search Clear Inputs Clear Most Limits Common tests 99.+ %tile Lookup Term By #

Show Words Propose Term

Grid Tree

Row	LOINC #	Component	Property	Time Aspect	System	Scale	Method	Ex. ...	Ex. Unit
1	13006-2	1,4-Dichlorobenzene	MCnc	Pt	Ser/Plas	Qn			
2	2075-0	Chloride	SCnc	Pt	Ser/Plas	Qn		mmol/L	mmol/L
3	54369-4	Chloride post dialysis	SCnc	Pt	Ser/Plas	Qn		mmol/L	mmol/L
4	9505-9	Chloride	MCnc	Pt	Ser/Plas				
5				Pt	Ser/Plas				
6				Pt	Ser/Plas				
7				Pt	Ser/Plas				
8				Pt	Ser/Plas				

View Details Print Grid Map Same Export Configure Export Configure Grid

Truncated Text Print Preview

Entry #: 7 of 473 Units Specimen Methodless Common 99% Battery Max Words: 8 records found: 0s

Highlight correct term

Click "Map" Button (or doubleclick)

Assigning a LOINC Map

Map Local Terms - LOINC Workshop OBR

File Tools HIPAA Intelligent Mapper View H

Search Mapping View All Working Set Terms Hierarchy

Local Term File

Mapped to: Name: 2075-0 Chloride [Moles/volume] in Serum or Plasma Local Term Details

OBR-4 Code: OBR-3 Code: Units: Sample Values: Limit to Default Specimen:

665670 755366 mmol/L

Extra Search Words: Accept or enter OBR name and/or OBX name

CHLORIDE SERPL QN

View: All

7 of 473

Search Clear Inputs Clear Most Limits Common tests 99.+ %tile Lookup Term By #

Show Words Propose Term

Grid	Tree	Row	LOINC #	Component	Property	Time Aspect	System	Scale	Method	Ex. ...	Ex. Unit	View Details
		1	13006-2	1,4-Dichlorobenzene	MCnc	Pt	Ser/Plas	Qn				
		2	2075-0	Chloride	SCnc	Pt	Ser/Plas	Qn		mmol/L	mmol/L	Print Grid
		3	54369-4	Chloride^post dialysis	SCnc	Pt	Ser/Plas	Qn		mmol/L	mmol/L	Map
		4	9505-9	Chlorobenzene	MCnc	Pt	Ser/Plas	Qn				Same
		5	54937-8	Chloroform	MCnc	Pt	Ser/Plas	Qn		ug/L	ug/L	Export
		6	39357-9	Cholinesterase, chloride...	CFr	Pt	Ser/Plas	Qn		%	%	Configure Export
		7	12999-9	Epichlorohydrin	MCnc	Pt	Ser/Plas	Qn				Configure Grid
		8	17661-0	Succinylcholine	MCnc	Pt	Ser/Plas	Qn				

Truncated Text Print Preview

Entry #: 7 of 473 Units Specimen Method Class Common 99% Battery Max Words: Map term: 962.44s

View LOINC Term Details

Map Local Terms - LOINC Workshop OBR

File Tools HIPAA Intelligent Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Local Term File

Mapped to: Name: 2075-0 Chloride [Moles/volume] in Serum or Plasma Local Term Details

OBR-4 Code: OBR-3 Code: Units: Sample Values: Limit to Default Specimen:

665670 755366 mmol/L

Extra Search Words: Accept or enter OBR name and/or OBX name

CHLORIDE SERPL QN

View: All

7 of 473

Search Clear Inputs Clear Most Limits Com

Show Words Propose Term

Grid Tree

Row	LOINC #	Component	Property	Time Aspect	System
1	13006-2	1,4-Dichlorobenzene	MCnc	Pt	Ser/Plas
2	2075-0	Chloride [Moles/volume] in Serum or Plasma	MCnc	Pt	Ser/Plas
3	54369-4	Chloride [Moles/volume] in Serum or Plasma	MCnc	Pt	Ser/Plas
4	9505-9	Chloride [Moles/volume] in Serum or Plasma	MCnc	Pt	Ser/Plas
5	54937-8	Chloride [Moles/volume] in Serum or Plasma	MCnc	Pt	Ser/Plas
6	39357-9	Chloride [Moles/volume] in Serum or Plasma	MCnc	Pt	Ser/Plas
7	12999-9	Epinephrine	MCnc	Pt	Ser/Plas
8	17661-0	Succinylcholine	MCnc	Pt	Ser/Plas

Truncated Text

Entry #: 7 of 473 Units Specimen Methodless Common: 99% Battery Max Words:

View details for a specific LOINC Term

Right clicking on a LOINC term brings up a Task Menu

- Export
- Configure Export
- Sort Grid
- Configure Grid
- View Details - Simple
- View Details - Comprehensive
- View Details - Custom
- View Panel Children
- Truncate Text
- Wrap Text
- Print
- Map
- Repeat Mapping
- Propose a new LOINC
- Propose a LOINC based on selected term
- Find Panels with all these LOINCs
- Find Panels with any of these LOINCs

View Details

Print Grid

Map

Same


Export

Configure Export

Configure Grid

Map term: 962.44s

LOINC Term Details

 Details for LOINC record # 2075-0

2075-0

Chloride [Moles/volume] in Serum or Plasma

NAME

Fully-Specified Name:	Component	Property	Time Aspect	System	Scale	Method
	Chloride	SCnc	Pt	Ser/Plas	Qn	

STATUS

Active.

BASIC ATTRIBUTES

Class/Type:	CHEM/Lab
CDISC Lab Test:	Y
Order vs. Obs.:	Both
Percent of INPC Sample:	2.1479%

PARTS

Part Type	Part No.	Part Name
Component	LP15483-8	Chloride
System	LP7576-4	Ser/Plas [Serum or Plasma]

EXAMPLE UNITS

Unit	Source Type
mmol/L	EXAMPLE UCUM UNITS
mmol/L	REGENSTRIEF
mmol/L	eCHN

CURATED RANGE AND UNITS

Range	Units Type
98-106	mmol/L

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Change to expanded details view

Change text size

Simple Display

Text Size - Medium

2075-0

Next

Print

Close

Type Ctrl-F to search the text of the details.2075-01 of 1LOINC HTML: 0.52 sec

LOINC Term Details: Panels

Details for LOINC record # 24321-2

24321-2 Basic metabolic 2000 panel in Serum or Plasma

PANEL HIERARCHY

LOINC#	LOINC Name	R/O/C	Cardinality	Data Type	Ex. UCUM Units
24321-2	Basic metabolic 2000 panel in Serum or Plasma				
2345-7	Glucose [Mass/volume] in Serum or Plasma	R		NM/ST	mg/dL
3094-0	Urea nitrogen [Mass/volume] in Serum or Plasma	R		NM/ST	mg/dL
2160-0	Creatinine [Mass/volume] in Serum or Plasma	R		NM/ST	mg/dL
3097-3	Urea nitrogen/Creatinine [Mass ratio] in Serum or Plasma	O			
33914-3	Glomerular filtration rate/1.73 sq M predicted by Creatinine-based formula (MDRD)	O			mL/min/(1.73m2)
50044-7	Glomerular filtration rate/1.73 sq M predicted among females by Creatinine-based formula (MDRD)	O			mL/min/(1.73m2)
48642-3	Glomerular filtration rate/1.73 sq M predicted among non-blacks by Creatinine-based formula (MDRD)	O			mL/min/(1.73m2)
48643-1	Glomerular filtration rate/1.73 sq M predicted among blacks by Creatinine-based formula (MDRD)	O			mL/min/(1.73m2)
17861-6	Calcium [Mass/volume] in Serum or Plasma	R		NM/ST	mg/dL
24326-1	Electrolytes 1998 panel in Serum or Plasma				
2951-2	Sodium [Moles/volume] in Serum or Plasma	R		NM/ST	mmol/L
2823-3	Potassium [Moles/volume] in Serum or Plasma	R		NM/ST	mmol/L
2075-0	Chloride [Moles/volume] in Serum or Plasma	R		NM/ST	mmol/L
2028-9	Carbon dioxide, total [Moles/volume] in Serum or Plasma	R		NM/ST	mmol/L
33037-3	Anion gap in Serum or Plasma	O		NM/ST	mmol/L

NAME

Fully-Specified Name:	Component	Property	Time Aspect	System	Scale	Method
	Basic metabolic 2000 panel	-	Pt	Ser/Plas	Qn	

DEFINITION/DESCRIPTION

The components of this panel were defined by HCFA (now CMS)

STATUS

Active

Last up dated 2009/02/19.

BASIC ATTRIBUTES

Class/Type:	PANEL.CHEM/Lab
Order vs. Obs.:	Order

MEMBER OF THESE PANELS

54037-7	HEDIS 2009 panel
54050-0	HEDIS 2009 Codes to identify physiologic monitoring tests (MPM-A)
54051-8	HEDIS 2009 Codes to identify physiologic monitoring tests - Blood urea nitrogen (BUN) (MPM-A)
54052-6	HEDIS 2009 Codes to identify physiologic monitoring tests - Serum creatinine (SCr) (MPM-A)
54053-4	HEDIS 2009 Codes to identify physiologic monitoring tests - Serum electrolytes (SE) (MPM-A)

Comprehensive Display

Text Size - Smaller

Separated pages

Previous

24321-2

Next

Print

Close

Exporting Rows from Grid

Map Local Terms - LOINC Workshop OBR

File Tools HIPAA Intelligent Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Local Term File

Mapped to: Name: 2075-0 Chloride [Moles/volume] in Serum or Plasma Local Term Details

OBR-4 Code: OBR-3 Code: Units: Sample Values: Limit to Default Specimen:

665670 755366 mmol/L

Extra Search Words: Accept or enter OBR name and/or OBX name

CHLORIDE SERPL QN

View: All

7 of 473

Search Clear Inputs Clear Most Limits Common tests 99.+ %tile Lookup Term By #

Show Words Propose Term

Grid Tree

Row	LOINC #	Component	Property	Time Aspect	System	Scale	Method	Ex. ...	Ex. Unit
1	13006-2	1,4-Dichlorobenzene	MCnc	Pt	Ser/Plas	Qn			
2	2075-0	Chloride	SCnc	Pt	Ser/Plas	Qn		mmol/L	mmol/L
3	54369-4	Chloride^post dialysis	SCnc	Pt	Ser/Plas	Qn		mmol/L	mmol/L
4	9505-9	Chlorobenzene	MCnc	Pt	Ser/Plas	Qn			
5	54937-8	Chlorofom	MCnc	Pt	Ser/Plas	Qn			/L
6	39357-9	Cholinesterase, chloride...	CFr	Pt	Ser/Plas	Qn			
7	12999-9	Epichlorohydrin	MCnc	Pt	Ser/Plas	Qn			
8	17661-0	Succinylcholine	MCnc	Pt	Ser/Plas	Qn			

View Details Print Grid Map Same Export Configure Export Configure Grid

Truncated Text Print Preview

Entry #: 7 of 473 Units Specimen Methodclass Common 99% Battery Max Words: Map term: 962.44s

export

Configure Export Options

The screenshot shows the 'Custom Export' dialog box. It features a table with 17 columns, each with a checkbox. A blue callout labeled 'Output options' points to the first five rows. A blue callout labeled 'Save configuration and/or export' points to the 'Export and Save Configuration' button. A blue callout labeled 'Include column headers' points to the 'Include column headers' checkbox. The 'Rows to Export' section has two radio buttons: 'Selected Rows' (selected) and 'All Rows'. The bottom row contains five buttons: 'Select All', 'Clear All', 'Export and Save Configuration', 'Save Configuration', and 'Cancel'.

#	Column Name
<input type="checkbox"/>	1 Row
<input type="checkbox"/>	2 LOINC #
<input type="checkbox"/>	3 Component
<input type="checkbox"/>	4 Property
<input type="checkbox"/>	5 Time Aspect
<input type="checkbox"/>	6 System
<input type="checkbox"/>	7 Scale
<input type="checkbox"/>	8 Method
<input type="checkbox"/>	9 Ex. UCUM Units
<input type="checkbox"/>	10 Ex. Units
<input type="checkbox"/>	11 %99.+ Common Tests
<input type="checkbox"/>	12 Class
<input type="checkbox"/>	13 Long Common Name
<input type="checkbox"/>	14 Short Name
<input type="checkbox"/>	15 Type
<input type="checkbox"/>	16 Order
<input type="checkbox"/>	17 Domain

Output options

Save configuration and/or export

Include column headers

Rows to Export

☒ Selected Rows ☐ All Rows

☐ Include column headers

Select All Clear All Export and Save Configuration Save Configuration Cancel



More on Search Syntax

Tips and Tricks

Search in a Field

Field	Example
Component	component:chemotherapy
Property	glucose property:CCnc
Timing	glucose timing:24H
System	glucose system:CSF
Scale	glucose scale:Nar
Method	mycobacterium method:EIA
Class	glucose class:UA

Other Tricks

Use parentheses

```
glucose (phosphate OR phosphatase) rbc -ord
```

```
component:(norepinephrine creatinine)
```

Fuzzy search (~)

```
Bergdorferi~
```



Limiting Your Searches

Sometimes 68,000+ terms is too many

Setting Search Limits

Reduces number of candidate terms

Many, many options for limits

Hierarchy allows domain restrictions

Caution

Easy to forget that a search restriction is turned on.

A common reason for not finding a LOINC that really is there.

Setting Search Limits

Map Local Terms - CDC-Top110

File Tools HIPAA Lab Auto Mapper View Help

Search Mapping View All Working Set Terms **Hierarchy & Search Limits** Part Search

Local Term File Mapped to: 20420-6 Name: Prostate [Mass/volume] in Serum

Next Previous First Last

Limit to Default Specimen:

View: All

Search Clear Inputs Clear Most Limits Common lab results Lookup Term By #

1 of 110 Show Words Propose Term

Auto Mapper Search: No

Grid Tree

Ro	Score	LOINC	Component	Property	Timing	System	Scale	Method	ExU...	ExU...
6	30.23...	20420-6	Acid phosphatase prostatic	MCnc	Pt	Ser	Qn		ng/mL	ug/...
3	30.23...	1713-7	Acid phosphatase,prostatic	CCnc	Pt	Semen	Qn			
2	30.23...	10553-6	Acid phosphatase,prostatic	CCnc	Pt	Genital fld	Qn		ukat/L	uka...
9	30.23...	10509-8	Acid phosphatase,prostatic Ag	ACnc	Pt	Tiss	Ord	Immune stain		
4	30.23...	43718-6	Acid phosphatase,prostatic	ACnc	Pt	Ser	Ord			
7	30.23...	16317-0	Acid phosphatase,prostatic	ACnc	Pt	Vag	Ord			
1	28.13...	12173-1	Acid phosphatase,non-prostatic	CCnc	Pt	Ser/Plas	Qn		U/L	U/L...
5	30.23...	1714-5	Acid phosphatase,prostatic	CCnc	Pt	Ser	Qn		U/L	U/L
8	30.23...	1712-9	Acid phosphatase,prostatic	CCnc	Pt	Vag	Qn			

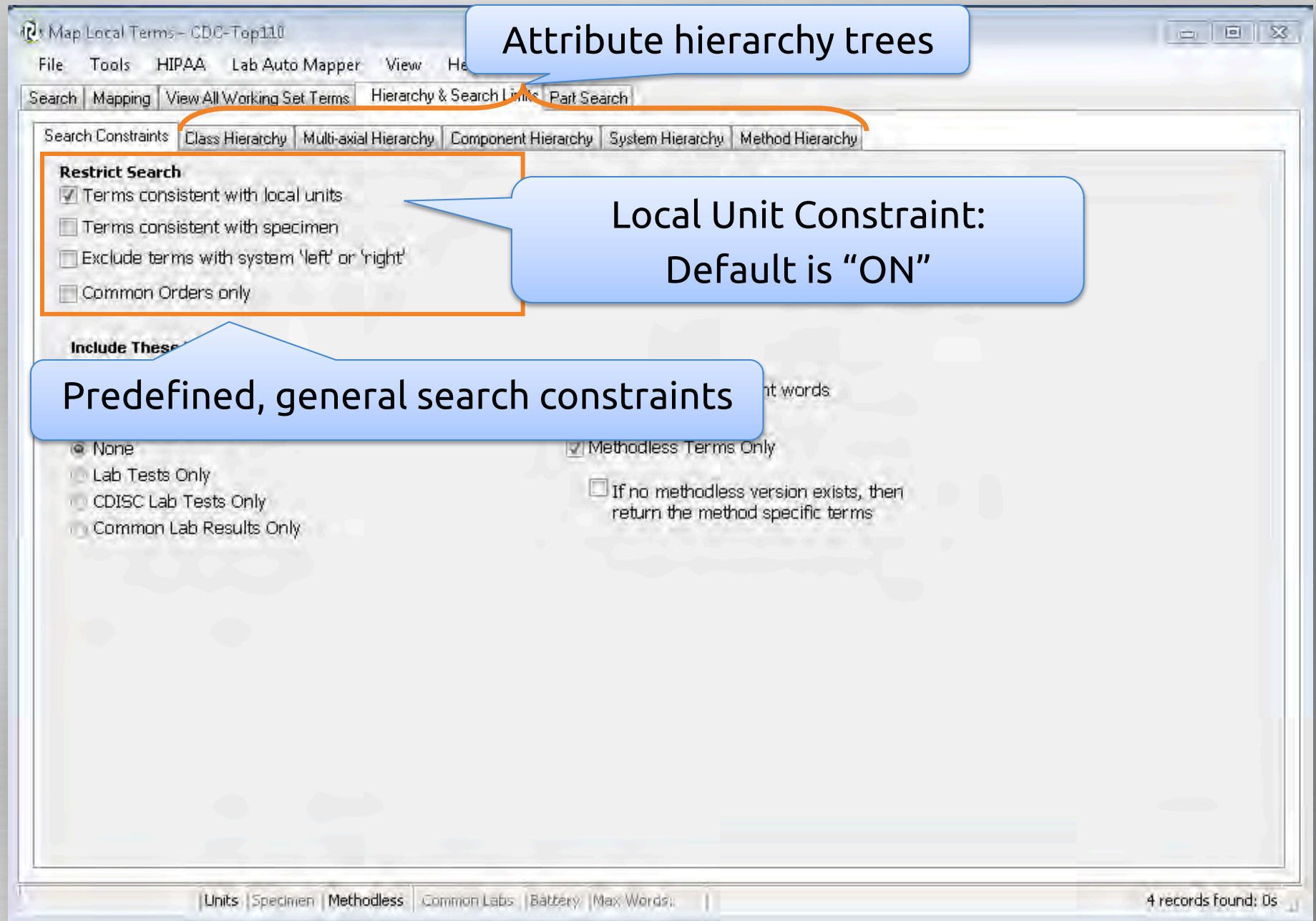
Truncated Text

Print Preview

Entry #: 1 of 110 Units Specimen Methodless Common Labs Battery Max Words:

9 records found: 0.11s

Search Constraints



Search Constraints

Map Local Terms - CDC-Top110

File Tools HIPAA Lab Auto Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Search Constraints Class Hierarchy Multi-axial Hierarchy Component Hierarchy System Hierarchy Method Hierarchy

Restrict Search

☒ Terms consistent with local units

☐ Terms consistent with specimen

☐ Exclude terms with system 'left' or 'right'

☐ Common Orders only

Favor Prop Favor None

Order/Obs Ignore

Pharma MS Exclude MS* Terms

Include These LOINCs:

☒ Trial ☒ Discouraged ☒ Deprecated

Lab Test Restrictions

☒ None

☐ Lab Tests Only

☐ CDISC Lab Tests Only

☐ Common Lab Results Only

include Trial, Deprecated or Discouraged LOINC codes with returned terms

return the method specific terms

Units Specimen Methodless Common Labs Battery Max Words:

4 records found: 0s

Hierarchies

Map Local Terms - DJV-20110521

File Tools HIPAA Lab Auto Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Search Constraints Class Hierarchy Multi-axial Hierarchy Component Hierarchy System Hierarchy Method Hierarchy

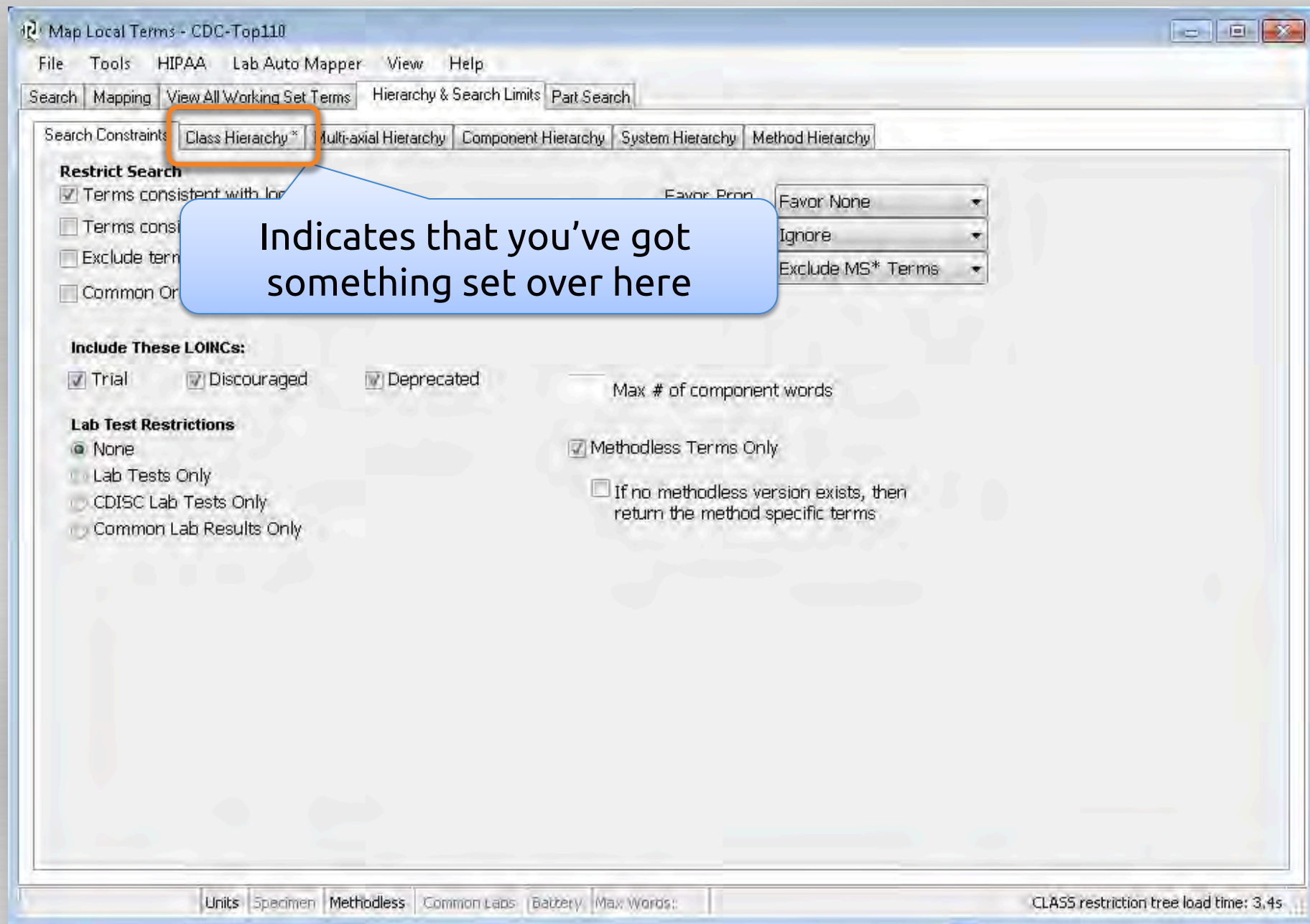
Row	Category or Name	Component	Property	Time Aspect	System	Scale	Method	Ex....	Doc....	Rank	Code	Detail
1	<input type="checkbox"/> Laboratory Categories										LP29693-6	
2	<input type="checkbox"/> Antibiotic Susceptibilities										LP7755-4	detail:
1617	<input type="checkbox"/> Allergy Testing										LP7756-2	
5463	<input type="checkbox"/> Blood Bank Tests										LP7776-0	
6344	<input type="checkbox"/> Cell Markers										LP7783-6	
7815	<input type="checkbox"/> Challenge chemistry tests										LP7784-4	
11457	<input checked="" type="checkbox"/> Chemistry non challenge tests										LP7786-9	
20058	<input type="checkbox"/> Coagulation Tests										LP7788-5	
20809	<input type="checkbox"/> Cytology Studies										LP7789-3	
20887	<input type="checkbox"/> Drug toxicology tests										LP7790-1	
27603	<input type="checkbox"/> Drug Doses										LP7791-9	
28011	<input type="checkbox"/> Fertility Testing										LP7798-4	
28231	<input type="checkbox"/> Hematology/Cell counts										LP7803-2	
30057	<input type="checkbox"/> HLA Antigens										LP7806-5	detail:
30480	<input type="checkbox"/> HPA antigen										LP65557-8	
30497	<input type="checkbox"/> Laboratory orders										LP94892-4	
30520	<input type="checkbox"/> Microbiology Tests (Culture, DNA, Ag, & Ab)										LP7819-8	
40915	<input type="checkbox"/> Miscellaneous tests										LP7820-6	
41067	<input type="checkbox"/> Molecular pathology tests										LP7822-2	
43291	<input type="checkbox"/> Normal Range Statistics										LP62148-9	
43296	<input type="checkbox"/> Pathology reports & report...										LP7839-6	
44020	<input type="checkbox"/> Serology tests (non micro)										LP7844-6	detail:
45787	<input type="checkbox"/> Skin Tests										LP7785-1	
45829	<input type="checkbox"/> Specimen information										LP7846-1	

Truncated Text Expand Branch Collapse Branch Show LOINC'S Configure Export

Units Specimen Methodless Common Labs Battery Max Words: Collapse All: Os

Restrict eligible tests to non-challenge chemistry tests only

A Reminder About Search Limits



Search Limit Wrap-up

Helps narrow results returned
Many available from search line
Combine tree limits with others

Button to quickly erase limits

Accept or enter OBR name and/or OBX name

urn albumin creat

Clear Inputs

Clear Most Limits

Common lab results

Lookup Term By #

Propose Term

Auto Mapper Search: No

Search Hints and Tips



Zero hit keywords are ignored
(may need to rephrase)

Common causes of Zero results

- Too many keywords

- Limits and keyword contradictions

- Local term name is very peculiar

Units are ***GREAT*** discriminators

RELMA's Auto Mapper

Ranked list of candidate LOINCs



What Does It Do?

Batch processes local term file or runs on-demand for selected local term

Uses *words* and *units* from local terms

Produces a ranked list for your review



Auto Mapper On-Demand

Map Local Terms - CDC-Top110

File Tools HIPAA Lab Auto Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Local Term File

Next
Previous
First
Last

View: All

4 of 110

Mapped to: 6768-6 Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma

OBR-4 Code: OBR-3 Code: Units: Sample Values: Limit to Default Specimen:

Extra Search Words: Accept or enter OBR name and/or OBX name

ALKALINE PHOSPHATASE

Search Clear Inputs Clear Most Limits Common lab results Lookup Term By #

Show Words

Auto Mapper Search: Lab No Lab Clinical

Breaks tie scores with Rank

Ro	Score	OINC	Component	Property	Timing	System	Scale	Method	ExU...	ExU...	Rank	Class
1	3/4	6768-6	Alkaline phosphatase	CCnc	Pt	Ser/Plas	Qn		U/L	U/L...	23	CHEM
2	3/4	55971-6	Alkaline phosphatase	CCnc	Pt	BldCo	Qn		U/L	U/L		CHEM
3	3/4	1776-4	Alkaline phosphatase	MCnc	Pt	Urine	Qn		ug/L	ug/L		CHEM
4	3/4	29639-2	Alkaline phosphatase	CCnt	Pt	Tiss	Qn		U/g	U/g		CHEM
5	3/4	16337-8	Alkaline phosphatase	CCnc	Pt	Urine	Qn		U/L	U/L		CHEM
6	3/4	1783-0	Alkaline phosphatase	CCnc	Pt	Bld	Qn		U/L	U/L		CHEM
7	3/5	1777-2	Alkaline phosphatase.bone	CCnc	Pt	Ser/Plas	Qn		U/L	U/L...	1850	CHEM
8	3/5	1779-8	Alkaline phosphatase.liver	CCnc	Pt	Ser/Plas	Qn		U/L	U/L...	1919	CHEM
9	3/5	1781-4	Alkaline phosphatase.regan	CCnc	Pt	Ser/Plas	Qn		U	units		CHEM
10	3/5	1782-2	Alkaline phosphatase.renal	CCnc	Pt	Ser/Plas	Qn		U/L	U/L		CHEM

Truncated Text

Print Preview

Entry #: 4 of 110

Units Specimen Methodless Common Labs Battery Max Words:

10 records found: 0.19s

Other RELMA Features

Preview of some topics for tomorrow's Advanced Workshop



Managing Your Local Term File

Map Local Terms - LOINC Workshop OBR

File Tools HIPAA Intelligent Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

Edit Term in Local Term File Add New Term to Local Term File Delete Term from Local Term File Export Local Term File

Enter words to find:

Row	Battery Code	Battery...	Codesystem	Test Code	Test Description	Codesystem	Units	LOINC	Order	# Pat	# Obs	Recent
250	1210	ROUTINE...		11710	URIC ACID	L	(12/5/20
251	1210	ROUTINE...		13672	UROBILINOGE...	L	EU/DL...					12/5/20
252	1210	ROUTINE...		16156	WBC...	L	(12/5/20
253	1210	ROUTINE...		26690	RBC:UA	L	#/HPF					12/5/20
254	1210	ROUTINE...		26691	WBC:UA	L	#/HPF					12/5/20
255	1210	ROUTINE...		1222	BACTERIA-UA	L	(12/5/20
256	1210	ROUTINE...		26685	Squamous Epi...	L	#/HPF					12/5/20
257	1210	ROUTINE...		1231	AMORPHOUS...	L						12/6/20
258	1804	CULTURE...		4839	PREDOM ORG	LCR						12/1/20
259	1804	CULTURE...		4840	ORG 2	LCR						12/1/20
260	1804	CULTURE...		4841	ORG 3	LCR						12/1/20
261	1804	CULTURE...		4842	ORG 4	LCR						12/1/20
262	4816	FUNGAL AB...		4817	HISTOPLSM SCN	L						12/4/20
263	4816	FUNGAL AB...		4818	BLASTOMYCIN...	L						12/4/20
264	4816	FUNGAL AB...		4819	COCCIDIO SCN	L						12/4/20
265	4816	FUNGAL AB...		4820	ASPERGIL SCN	L						12/4/20
266	5381	CARBOXYHEM...		5381	CARBOXYHEM...	L	% SAT					12/6/20
267	5605	ACA PANEL 2		4720	AMMONIA	L	mmol/L					12/6/20
268	5635	BLOOD GAS...		6131	PH BLD	L						12/5/20
269	5635	BLOOD GAS...		6139	PCO2	L	mm Hg					12/5/20
270	5635	BLOOD GAS...		6140	PO2	L	mm Hg					12/5/20
271	5635	BLOOD GAS...		5870	BASE EXCESS...	L	mmol/L					12/5/20
272	5635	BLOOD GAS...		6136	BICAR(HCO3)...	L	mmol/L					12/5/20
273	5635	BLOOD GAS...		6141	CO2 TOTAL	L	mmol/L					12/5/20

Truncated Text Print Preview

Entry #: 1 of 473 Multi-axial search tree load time: 10.24s

Parts Search

Map Local Terms - DJV-20110521

File Tools HIPAA Lab Auto Mapper View Help

Search Mapping View All Working Set Terms Hierarchy & Search Limits Part Search

campylobacter

Part Search

☐ Reference Information Only



Row	Score	Part	Type	Name	DisplayName	Abbreviation
1	22.8435	LP97602-4	COMPONENT	Campylobacter jejuni+Campylobacter coli Ag	Campylobacter jejuni+Campylobacter coli Ag	
2	22.8435	LP97606-5	COMPONENT	Campylobacter jejuni+Campylobacter coli	Campylobacter jejuni+Campylobacter coli	C jejuni+C coli
3	19.7830	LP16647-7	COMPONENT	Campylobacter sp	Campylobacter sp	Campylobacter
4	16.1528	LP17109-7	COMPONENT	Campylobacter coli	Campylobacter coli	C coli
5	16.1528	LP17110-5	COMPONENT	Campylobacter jejuni	Campylobacter jejuni	C jejuni
6	16.1528	LP17111-3	COMPONENT	Campylobacter lari	Campylobacter lari	C lari
7	16.1528	LP19880-1	COMPONENT	Campylobacter fetus	Campylobacter fetus	C fetus
8	16.1528	LP19881-9	COMPONENT	Campylobacter fetus subspecies venerealis	Campylobacter fetus ss venerealis	C fetus Vener
9	16.1528	LP37478-2	COMPONENT	Campylobacter coli rRNA	Campylobacter coli rRNA	
10	16.1528	LP37479-0	COMPONENT	Campylobacter fetus Ab	Campylobacter fetus Ab	
11	16.1528	LP37480-8	COMPONENT	Campylobacter fetus Ag	Campylobacter fetus Ag	
12	16.1528	LP37481-6	COMPONENT	Campylobacter fetus subspecies venerealis Ab	Campylobacter fetus ss venerealis Ab	
13	16.1528	LP37482-4	COMPONENT	Campylobacter fetus subspecies venerealis Ab.IgA	Campylobacter fetus ss venerealis IgA	
14	16.1528	LP37483-2	COMPONENT	Campylobacter jejuni Ab	Campylobacter jejuni Ab	
15	16.1528	LP37484-0	COMPONENT	Campylobacter jejuni Ab.IgG	Campylobacter jejuni IgG	
16	16.1528	LP37485-7	COMPONENT	Campylobacter jejuni Ab.IgM	Campylobacter jejuni IgM	
17	16.1528	LP37486-5	COMPONENT	Campylobacter jejuni rRNA	Campylobacter jejuni rRNA	
18	16.1528	LP37487-3	COMPONENT	Campylobacter lari rRNA	Campylobacter lari rRNA	
19	16.1528	LP37488-1	COMPONENT	Campylobacter sp Ab	Campylobacter sp Ab	
20	16.1528	LP37489-9	COMPONENT	Campylobacter sp Ab.IgA	Campylobacter sp IgA	
21	16.1528	LP37490-7	COMPONENT	Campylobacter sp Ab.IgG	Campylobacter sp IgG	
22	16.1528	LP37491-5	COMPONENT	Campylobacter sp identified	Campylobacter sp identified	
23	16.1528	LP37492-3	COMPONENT	Campylobacter sp rRNA	Campylobacter sp rRNA	
24	16.1528	LP64709-6	COMPONENT	Campylobacter sp DNA	Campylobacter sp DNA	
25	16.1528	LP102580-0	COMPONENT	Campylobacter jejuni DNA	Campylobacter jejuni DNA	
26	11.4217	LP16707-9	COMPONENT	Helicobacter pylori	Helicobacter pylori	H pylori
27	11.4217	LP99310-2	FRAGMENTS FOR...	Campylobacter		

Part Search (27 results on 'campylobacter'); 0.03s

Browser for Panels

Panel, Forms & Surveys

Government Forms

Lab Panels

Clinical Panels

Other Survey Instruments

HIPAA Attach

HEDIS

To review the content of a specific panel, DOUBLE CLICK on the panel name

Row	Panel Name	LOINC
1	Antibiotic Susceptibility Panels	
18	Allergy Panels	
66	Blood Bank Panels	
70	Cellmarker Panels	
85	Challenge Bank Panels	
101	Chemistry Panels	
102	... 17-Ketosteroids & 17-Ketogenic steroids panel in 24 hour Urine	43135-3
103	... 2-Hydroxyestrone & 16-Alpha hydroxyestrone panel in Serum or Plasma	49828-7
104	... 3-Hydroxy fatty acid panel in Serum or Plasma	48760-3
105	... 5-Hydroxyindoleacetate panel in 24 hour Urine	44907-4
106	... Acylcarnitine newborn screen panel	58092-8
107	... Acylcarnitine panel [Moles/volume] in Serum or Plasma	43433-2
108	... Acylglycines panel in Urine	50334-2
109	... Adulterants panel in Urine	58715-4
110	... Aldosterone & Renin panel in Serum or Plasma	55151-5
111	... Alkaline phosphatase isoenz panel in Serum or Plasma	24332-9
112	... Alpha-1-Fetoprotein panel in Serum or Plasma	48802-3
113	... Alpha-1-Fetoprotein panel in Amniotic fluid	58735-2
114	... Amino acid newborn screen panel	53261-4
115	... Amino acids panel [Moles/volume] in Serum or Plasma	35083-5
116	... Amino acids panel in Urine	35087-6
117	... Amino acids panel [Moles/volume] in Cerebral spinal fluid	35507-3
118	... Amino acids panel [Moles/volume] in Amniotic fluid	35508-1
119	... Amino acids panel [Moles/time] in 24 hour Urine	35509-9
120	... Amylase & Creatinine clearance panel in Urine & Serum or Plasma	44789-6
121	... Amylase isoenzyme 3 panel in Serum or Plasma	24333-7
122	... Amylase isoenzyme 7 panel in Serum	24334-5
123	... Apolipoprotein A-I & A-II & B & C panel [Mass/volume] in Serum or Plasma	55724-9

Wrapped Text

Expand

Expand Branch

Collapse

Collapse Branch

Print Preview

Find panels with these LOINCs

Close

Propose New LOINC Codes

Propose a New LOINC Form

Local Code: Local Name: Local Term File:

Battery (OBR-4):

Test (OBX-3):

Reference #: Similar LOINC:

Status: Assigned LOINC:

Send Out Lab Test Code: Send Out Lab Name:

Test Description:

Units: Normal Range:

☒ Example Answers (Results) ☐ Structured Answer List w/Codes

Comments:


Answers:

Example Report:

Reference Info/URL:

Test Inst. Vendor: Test Inst. Model: Test Reagent Kit:

Proposed LOINC:

 Analyte:

Property:

Time Aspect:

Specimen:

Scale:

Method:

3 of 3

Submit Request New Save Clone Exit

