

# Laboratory standard—upper limit of normal range for creatine kinase isoenzyme, total units per litre N[NNN]

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# Laboratory standard—upper limit of normal range for creatine kinase isoenzyme, total units per litre N[NNN]

## Identifying and definitional attributes

<b>Metadata item type:</b>	Data Element
<b>Short name:</b>	Creatine kinase isoenzyme—upper limit of normal range (U/L)
<b>METEOR identifier:</b>	349630
<b>Registration status:</b>	<a href="#">Health!</a> , Standard 01/10/2008
<b>Definition:</b>	Laboratory standard for the value of creatine kinase (CK) isoenzyme measured in units per litre that is the upper boundary of the normal reference range.
<b>Data Element Concept:</b>	<a href="#">Laboratory standard—upper limit of normal range for creatine kinase isoenzyme</a>
<b>Value Domain:</b>	<a href="#">Total units per litre N[NNN]</a>

## Value domain attributes

## Representational attributes

<b>Representation class:</b>	Total	
<b>Data type:</b>	Number	
<b>Format:</b>	N[NNN]	
<b>Maximum character length:</b>	4	
<b>Supplementary values:</b>	<b>Value</b>	<b>Meaning</b>
	9998	Not measured
	9999	Not stated/inadequately described
<b>Unit of measure:</b>	Units per litre (U/L)	

## Data element attributes

## Collection and usage attributes

<b>Guide for use:</b>	Record the upper limit of the creatine kinase normal reference range for the testing laboratory.
<b>Comments:</b>	There are three different CK isoenzyme sub-forms: <ul style="list-style-type: none"><li>- CK-MM (skeletal muscle)</li><li>- CK-MB (cardiac muscle)</li><li>- CK-BB (brain tissue)</li></ul>

## Relational attributes

<b>Related metadata references:</b>	See also <a href="#">Person—creatine kinase isoenzyme level (measured), total units per litre N[NNN]</a> <a href="#">Health!</a> , Standard 01/10/2008
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**Implementation in Data Set Specifications:** [Acute coronary syndrome \(clinical\) DSS Health!, Superseded 01/09/2012](#)  
[Acute coronary syndrome \(clinical\) DSS Health!, Superseded 02/05/2013](#)  
[Acute coronary syndrome \(clinical\) NBPDS 2013-Health!, Standard 02/05/2013](#)  
**Implementation start date:** 01/07/2013