

# Person—creatine kinase isoenzyme level (measured), total units per litre N[NNN]

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# Person—creatine kinase isoenzyme level (measured), total units per litre N[NNN]

## Identifying and definitional attributes

<b>Metadata item type:</b>	Data Element
<b>Short name:</b>	Creatine kinase level (U/L)
<b>Synonymous names:</b>	CK measured (U/L)
<b>METEOR identifier:</b>	349536
<b>Registration status:</b>	<a href="#">Health</a> , Standard 01/10/2008
<b>Definition:</b>	A person's measured creatine kinase (CK) isoenzyme level in units per litre.
<b>Data Element Concept:</b>	<a href="#">Person—creatine kinase isoenzyme level</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>Value</b>	<b>Meaning</b>
<b>Supplementary values:</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>	CODE 8888 if test for CK was not done for this hospital presentation.  Where possible, several CK measures should be recorded and their associated date and time. At a minimum, an initial, peak and late value should be recorded.  When only one CK level is recorded, this should be the peak level.
<b>Comments:</b>	Elevation of CK isoenzyme is an indication of damage to muscle.  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

**Related metadata references:**

See also [Laboratory standard—upper limit of normal range for creatine kinase isoenzyme, total units per litre N\[NNN\]](#)  
[Health](#), Standard 01/10/2008

**Implementation in Data Set Specifications:**

[Acute coronary syndrome \(clinical\) DSS](#)  
[Health](#), Superseded 01/09/2012

**DSS specific information:** The measured CK isoenzyme levels and the timing of these measurements are important to the diagnosis of myocardial infarction.

[Acute coronary syndrome \(clinical\) DSS](#)  
[Health](#), Superseded 02/05/2013

**DSS specific information:** The measured CK isoenzyme levels and the timing of these measurements are important to the diagnosis of myocardial infarction.

[Acute coronary syndrome \(clinical\) NBPDS 2013-](#)  
[Health](#), Standard 02/05/2013

**Implementation start date:** 01/07/2013

**DSS specific information:**

The measured CK isoenzyme levels and the timing of these measurements are important to the diagnosis of myocardial infarction.