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]

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| Identifying and definitional attributes | |
| Metadata item type: | Data Element |
| Short name: | Creatine kinase level (U/L) |
| Synonymous names: | CK measured (U/L) |
| METEOR identifier: | 349536 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/10/2008 |
| Definition: | A person's measured creatine kinase (CK) isoenzyme level in units per litre. |

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| Data element concept attributes | |
| Identifying and definitional attributes | |
| Data element concept: | [Person—creatine kinase isoenzyme level](https://meteor.aihw.gov.au/content/349538) |
| METEOR identifier: | 349538 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/10/2008 |
| Definition: | A person's measured creatine kinase (CK) isoenzyme level. |
| Object class: | [Person](https://meteor.aihw.gov.au/content/268955) |
| Property: | [Creatine kinase isoenzyme level](https://meteor.aihw.gov.au/content/319418) |

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| Value domain attributes | |
| Identifying and definitional attributes | |
| Value domain: | [Total units per litre N[NNN]](https://meteor.aihw.gov.au/content/349534) |
| METEOR identifier: | 349534 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/10/2008 |
| Definition: | Total number of units per litre (U/l). |

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



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| Data element attributes | |
| Collection and usage attributes | |
| Guide for use: | 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. |
| Comments: | Elevation of CK isoenzyme is an indication of damage to muscle.  There are three different CK isoenzyme sub-forms:  - CK-MM (skeletal muscle)  - CK-MB (cardiac muscle)  - CK-BB (brain tissue) |
| Relational attributes | |
| Related metadata references: | See also [Laboratory standard—upper limit of normal range for creatine kinase isoenzyme, total units per litre N[NNN]](https://meteor.aihw.gov.au/content/349630)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/10/2008 |
| Implementation in Data Set Specifications: | [Acute coronary syndrome (clinical) DSS](https://meteor.aihw.gov.au/content/372930)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), 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](https://meteor.aihw.gov.au/content/482119)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), 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-](https://meteor.aihw.gov.au/content/523140)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), 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. |