# CRP (C-reactive Protein) test result

*Entity*: Cluster

| **Concept description:** | **Identification:** |
|---|---|
| CRP (C-reactive Protein) test results as a single value. | *Id*: openEHR-EHR-CLUSTER.laboratory_test_panel-crp.v0<br>*Reference model*: openEHR_EHR |

| **Purpose** | **Use** | **Misuse** | **Copyright** | **References** | **Contact** |
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| To record CRP (C-reactive Protein) test results as a single value. LOINC 1988-5 C reactive protein [Mass/volume] in Serum or Plasma Component Property Time System Scale Method C reactive protein MCnc Pt Ser/Plas Qn C-reactive protein (CRP) is characterized by its precipitation by the C-fraction of pneumococci. This protein is an acute phase reactant and confers immunity against some bacterial | To record CRP (C-reactive Protein) test results as a single value. Normally used in conjunction with a parent Laboratory test result (Observation) archetype. | Should not be used to record Anatomical pathology macroscopic/microscopic findings. | © openEHR Foundation | Based on NEHTA 'Pathology Test' archetype. Available from: http://dcm.nehta.org.au/ckm/OKM.html#showarchetype_1013.1.839_8 Pathology (Data Specifications) Version 1.0 [Internet]. Sydney, Australia: National E-Health Transition Authority; 2007 May 29 [cited 2011 Jul 11]; Available at http://www.nehta.gov.au/component/docman/doc_download/962-pathology-v10. Laboratory Technical Framework, Volume 3: Content, Revision 3.0 [Internet]. USA: IHE International; 2011 May 19; [cited 2011 Jul 11]. Available from: http://www.ihe.net/Technical_Framework/index.cfm#laboratory Hl7 FHIR Observation resource: HL7 FHIR; Available from http://www.hl7.org/implement/standards/fhir/observation.html | |

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| infections. CRP is a sensitive and quantitative measurement of the body's acute-phase response. Elevated values are consistent with an acute inflammatory process such as a bacterial infection or rheumatic disease. Source: Regenstrief Institute NB: This is not cloned in templates from laboratory-tests but specialized. The reason for this is that maintainability becomes hard when there are changes in the model, but the correspondending constraint can occur in more templates (which will happen because, ET decided to have archetypes which can occur in several templates. | | | | | |

| Concept | Description | Constraints | Values |
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| ***Laboratory result*** | Specific detailed result, including both the value of the result item, and additional information that may be useful for clinical interpretation. | ***Cluster***<br>0..* | |
| **Result value** | Actual value of the result. | ***Quantity***<br>0..1 | Property = Concentration<br>Units = mg/dl; >=0; <=1;<br>Units = mg/l; >=0; <=10; |
| **Comment** | Comment about the Result. | ***Text***<br>0..1 | Text; |
| **Reference range guidance** | Additional advice on the applicability of the reference range. | ***Text***<br>0..1 | Text; |
| **Result status** | The status of the result value. | ***Text***<br>0..1 | Internal; 'Registered', 'Interim', 'Final', 'Amended', 'Cancelled/Aborted', 'Not requested' |
| **Result status timestamp** | The date and/or time that the entire result was issued for the recorded 'Result status'. | ***DateTime***<br>0..1 | Allow all |
| | Slot<br>Result detail [Cluster] | Include : Cluster | Exclude : Cluster |
| | Slot<br>Other detail [Cluster] | Include : Cluster | Exclude : Cluster |