Serum Cholinesterase of the blood test result

Entity: Cluster

Concept description:	Identification:
Serum Cholinesterase of the blood test results as a single value.	*Id*: openEHR-EHR-CLUSTER.laboratory_test_panel-che.v0 *Reference model*: openEHR_EHR

Purpose	Use	Misuse	Copyright	References	Contact
To record Cholinesterase test results as a single value. LOINC 2098-2 Cholinesterase [Enzymatic activity/ volume] in Serum or Plasma Component Property Time System Scale Method Cholinesterase CCnc Pt Ser/Plas Qn Pseudocholinesterase is also known as plasma cholinesterase, butyrylcholinesterase, or (most formally) acyl choline acylhydrolase, found primarily in the liver. An absence or mutation of the pseudocholinesterase enzyme leads to a medical condition known as pseudocholinesterase	To record Cholinesterase 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	

deficiency, which is a silent condition which only manifests itself when people who have the deficiency receive the muscle relaxants succinylcholine or mivacurium during surgery. Information from en.Wikipedia.org. Source: Regenstrief Institute SNOMED 390763009 | Cholinesterase measurement (procedure) | 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
Laboratory result	Specific detailed result, including both the value of the result item, and additional information that may be useful for clinical interpretation.	*Cluster* 0..*	

Q **Result value**	Actual value of the result.	*Quantity* 0..1	Property = Concentration Units = U/l; Units = kU/l;
T **Comment**	Comment about the Result.	*Text* 0..1	Text;
T **Reference range guidance**	Additional advice on the applicability of the reference range.	*Text* 0..1	Text;
T **Result status**	The status of the result value.	*Text* 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* 0..1	Allow all
A	Slot Result detail [Cluster]	Include : Cluster	Exclude : Cluster
A	Slot Other detail [Cluster]	Include : Cluster	Exclude : Cluster