Troponine I test result

Entity: Cluster

Concept description:	**Identification:**
Troponine I test results as a single value.	*Id*: openEHR-EHR-CLUSTER.laboratory_test_panel-troponine_i.v0 *Reference model*: openEHR_EHR

Purpose	**Use**	**Misuse**	**Copyright**	**References**	**Contact**
To record Troponine I test results as a single value. LOINC 10839-9 Troponin I.cardiac [Mass/? volume] in Serum or Plasma Component Property Time System Scale Method Troponin I.cardiac MCnc Pt Ser/Plas Qn The troponin test is used to help diagnose a heart attack, to detect and evaluate mild to severe heart injury, and to distinguish chest pain that may be due to other causes. Troponin values can	To record Troponine I 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	

remain high for 1–2 weeks after a heart attack. The test is not affected by damage to other muscles, so injections, accidents, and drugs that can damage muscle do not affect troponin levels. Troponin may rise following strenuous exercise, although in the absence of signs and symptoms of heart disease, it is usually of no medical significance. Copyright: Copyright © 2001-2009 American Association for Clinical Chemistry. Source: Lab Tests Online® SNOMED 121870001 | Troponin I 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..*	
Result value	Troponine I test: Actual value of the result.	***Quantity*** 0..1	Property = Concentration Units = ng/ml; Units = ug/l;
Comment	Comment about the Result.	***Text*** 0..1	Text;
Reference range guidance	Additional advice on the applicability of the reference range.	***Text*** 0..1	Text;
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
	Slot	Include : Cluster	Exclude : Cluster

	Result detail [Cluster]		
	Slot Other detail [Cluster]	Include : Cluster	Exclude : Cluster