

Map between openEHR, FHIR and OMOP CDM elements

Bericht	Report	HL7 v2.3	Datatype	openEHR	FHIR 4.0	OMOP CDM 6.0	Equivalence (openEHR-FHIR)*	Equivalence (FHIR-OMOP)*
Bericht ID	Report ID	OBR-2,OBR-3	identifier	openEHR-EHR-COMPOSITION.report-result.v1/context/other_context[at0001]/items[at0002]	DiagnosticReport.identifier	OBSERVATION observation_id	0	3
Gesamte Ergebnisbericht Status	Results status	OBR-25	code	openEHR-EHR-COMPOSITION.report-result.v1/context/other_context[at0001]/items[at0005]	DiagnosticReport.status		0	4
Anforderung	Requested Service	OBR-4	code	openEHR-EHR-COMPOSITION.report-result.v1/content[openEHR-EHR-OBSERVATION.laboratory_test_result.v1]/protocol[at0004]/items[at0094]/items[at0106]	ServiceRequest.code	MEASUREMENT measurement_concept_id	0	3
Auftrags-ID des anfordernden/ einsendenden Systems	Order identifier (Sender)	ORC-2, OBR-2	identifier	openEHR-EHR-COMPOSITION.report-result.v1/content[openEHR-EHR-OBSERVATION.laboratory_test_result.v1]/protocol[at0004]/items[at0094]/items[at0062]	ServiceRequest.identifier	MEASUREMENT measurement_id	0	3
Auftrags-ID (Empfänger)	Order identifier (Recipient)	OBR-3	identifier	openEHR-EHR-COMPOSITION.report-result.v1/content[openEHR-EHR-OBSERVATION.laboratory_test_result.v1]/protocol[at0004]/items[at0094]/items[at0063]	DiagnosticReport.identifier	OBSERVATION observation_id	0	3
Einsender	Sender	OBR-16,ORC-12	identifier	openEHR-EHR-COMPOSITION.report-result.v1/content[openEHR-EHR-OBSERVATION.laboratory_test_result.v1]/protocol[at0004]/items[at0094]/items[openEHR-EHR-CLUSTER.location.v1]	ServiceRequest.requester	CARE_SITE care_site_id	0	3
Empfänger	Recipient	OBX-15	identifier	openEHR-EHR-COMPOSITION.report-result.v1/content[openEHR-EHR-OBSERVATION.laboratory_test_result.v1]/protocol[at0004]/items[openEHR-EHR-CLUSTER.location.v1]	DiagnosticReport.performer	CARE_SITE care_site_id	0	1
Probendetails	Specimen							
Externer Identifikator (Ext)	External identifier	OBR-2	identifier	openEHR-EHR-CLUSTER.specimen.v1/items[at0088]	Specimen.Identifier	SPECIMEN Specimen.id	0	2
Laborprobenidentifikator (Lab)	Laboratory identifier	OBR-3	identifier	openEHR-EHR-CLUSTER.specimen.v1/items[at0001]	Specimen.accession.Identifier	SPECIMEN Specimen.id	0	0
Probenart	Specimen type	OBR-15	code	openEHR-EHR-CLUSTER.specimen.v1/items[at0029]	Specimen.type	SPECIMEN specimen_concept_id	0	0
Kommentar des Probennehmers	Comment of the sample collector	NTE	string	openEHR-EHR-CLUSTER.specimen.v1/items[at0079]	Specimen.note	NOTE note_text	0	1
Probenentnahmestelle, Name der Körperstelle,Spezifische Körperstelle	Sample collection site	OBR-15	code	openEHR-EHR-CLUSTER.specimen.v1/items[at0087]	Specimen.collection.bodySite	SPECIMEN anatomic_site_concept_id	0	0
Zeitpunkt der Probenentnahme	Date of sample collection	OBR-7	datetime	openEHR-EHR-CLUSTER.specimen.v1/items[at0015]	Specimen.collection.collected.collectedDateTime	SPECIMEN specimen_date specimen_datetime	0	0
Zeitpunkt des Probeneingangs	Date of sample receipt	OBR-14	datetime	openEHR-EHR-CLUSTER.specimen.v1/items[at0034]	Specimen.receivedTime		0	4
Identifikator des Probennehmers	Sample collector identifier	OBR-10	identifier	openEHR-EHR-CLUSTER.specimen.v1/items[at0070]	Specimen.collection.collector	FACT_RELATIONSHIP+PROVIDER provider_id	0	2
Identifikator der übergeordneten Probe	Parent Specimen identifier	OBR-29	identifier	openEHR-EHR-CLUSTER.specimen.v1/items[at0003]	Specimen.parent	FACT_RELATIONSHIP +SPECIMEN	0	1
Isolat ID	Isolate id	OBX-1,OBX-4	identifier	openEHR-EHR-CLUSTER.laboratory_test_analyte.v1/items[at0027]	Specimen.accession.identifier	SPECIMEN Specimen_id	0	0
Mikroskopie	Microscopy							
Art des Präparats	Preparation type	OBX-3	code	CLUSTER.Laboratory test analyte/items[at0024]	Observation.Code	MEASUREMENT measurement_concept_id	0	0
Analyt Resultat	Result	OBX 5	code	CLUSTER.Laboratory test analyte/items[at0001]	Observation.value	MEASUREMENT value_as_concept_id	0	0
Kultur	Culture							
Nachweis	Organism presence	OBX.8	code	CLUSTER.Laboratory test analyte.items[at0024]	Observation.interpretation	MEASUREMENT value_as_concept_id	0	0
Erregername	Organism name	OBX-2,OBX-5	code	CLUSTER.Laboratory test analyte.items[at0001]	Observation.value	MEASUREMENT value_as_concept_id	0	0
Keim Subtyp	Organism subtype	OBX-2,OBX-5	code	CLUSTER.Erregerdetails*.v0.items[at0047]	Observation.value	MEASUREMENT value_as_concept_id	0	0
Keimzahl	Colony count	OBX-2,OBX-5, OBX-6	quantity	CLUSTER.Erregerdetails.v0.items[at0035]	Observation.value	MEASUREMENT value_as_number	0	0
Häufigkeit	Colony frequency	OBX.8	code	CLUSTER.Erregerdetails.v0.items[at0003]	Observation.interpretation	MEASUREMENT value_as_concept_id	0	0
Virulenz Faktor	Virulence factor	OBX-2,OBX-5	code	CLUSTER.Erregerdetails.v0.items[at0016]	Observation.value	MEASUREMENT value_as_concept_id	0	0
MRE Klasse	MRO class	OBX-2, OBX-5	code	CLUSTER.Erregerdetails.v0.items[at0018]	Observation.value	OBSERVATION value_as_concept_id	0	0
Resistenzmechanismus Bezeichnung	Mechanism of resistance	OBX-2, OBX-5	string	openEHR-EHR-CLUSTER.erregerdetails.v1/items[at0057]	Observation.value	OBSERVATION value_as_string	0	0
Resistenzmechanismus Spezialisierung	Further information on mechanism of resistance	OBX-2, OBX-5	string	openEHR-EHR-CLUSTER.erregerdetails.v1/items[at0057]/items[at0017]	Observation.value	OBSERVATION value_as_string	0	0
Kommentar	comments	NTE	string	openEHR-EHR-CLUSTER.laboratory_test_analyte.v1/items[at0003]	Observation.note	NOTE note_text	0	1
Antibiogramm	Antibiogram							
Antibiotikum Bezeichnung	Antibiotic	OBX-3	code	openEHR-EHR-CLUSTER.laboratory_test_analyte.v1/items[at0024]	Observation.code	MEASUREMENT measurement_concept_id	0	0
Antibiotikum Ergebnis /Resistenz	Resistance	OBX-8	code	openEHR-EHR-CLUSTER.laboratory_test_analyte.v1/items[at0004]	Observation.interpretation	MEASUREMENT value_as_concept_id	0	0
Minimale Hemmkonzentration	Minimal inhibitory concentration	OBX-2,OBX-5, OBX-6	quantity	openEHR-EHR-CLUSTER.laboratory_test_analyte.v1/items[at0001]	Observation.value	MEASUREMENT value_as_number	0	0

* Equivalence measure	
0	Equivalent meaning
1	Source is wholly included in target.
2	Source is partially included in target.
3	Source is mapped, however there were many options. Source map is the best comparison rather than an actual correspondence.
4	No mapping possible.