

LOINC MAPPING SUMMARY

Clinical Data Elements	ALL KIDS	Memorial Healthcare	Broward Health	Miami Children's	BayCare Health
Albumin	X	X	X	X	X
Alkaline phosphatase	X	X	X	X	X
Base Excess	Has 3 (Arterial, Capillary, Venous)	X	X	X	does not report this
Bicarb	Has 3 (Arterial, Capillary, Venous)	X	X	X	X
Blood urea nitrogen	X	X	X	X	X
Blood/Lymph Culture-Positive	X plus all possible interface codes	X	X	X	X
Calcium (total and ionized)	X, Ionized has a Measured and a POCT	X	X	X	X
Cl	X	X	X	X	X
CPK MB	X	X	X	X	X
Creatinine	X	X	X	X	X
GGT	X	X	X	X	X
Glucose	X	X	X	X	X
Hematocrit (Indices - MCV MCH)	X	X	X	X	X
K	X	X	X	X	X
Na	X	X	X	X	X
Partial thromboplastin time	X	X	X	X	X
pCO2	Has 3 (Arterial, Capillary, Venous)	X	X	X	X
pH	Has 3 (Arterial, Capillary, Venous)	X	X	X	X
Phos	X	X	X	X	X
Platelets	X	X	X	X	X
PO2.sat	Has 3 (Arterial, Capillary, Venous)	X	X	X	X
Prothrombin time	X	X	X	X	X
SGOT	X	X	X	X	X
SGPT	X	X	X	X	X
Total bilirubin fractions	X	X	X	X	X
Total Hemoglobin	X	X	X	X	X
Troponin I	X	X	X	X	X
White blood cell count	X	X	X	X	X
		plus: Troponin T, Manual PLT CNT and WBC Manual Count		plus: Manual PLT CNT	

SI Units for reference

conversion from g/dL = 10 g/L
conversion from U/L =0.01667 ukat/L
conversion from mEq/L = 1 mmol/L
conversion from mEq/L = 1 mmol/L
conversion from mg/dL = 0.357 mmol/L

Discussion on use of IU/L on non-World Health Organization standardized materials;enzymes should be U/L; but this is academic

LOINC code	LOINC Name
1742-6	Alanine aminotransferase:CCnc:Pt:Ser/Plas:Qn:
1751-7	Albumin:MCnc:Pt:Ser/Plas:Qn:
6768-6	Alkaline phosphatase:CCnc:Pt:Ser/Plas:Qn:
1920-8	Aspartate aminotransferase:CCnc:Pt:Ser/Plas:Qn:
600-7	Bacteria identified:Prid:Pt:Bld:Nom:Culture
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600-7	Bacteria identified:Prid:Pt:Bld:Nom:Culture
11555-0	Base excess:SCnc:Pt:Bld:Qn:
1925-7	Base excess:SCnc:Pt:BldA:Qn:
1926-5	Base excess:SCnc:Pt:BldC:Qn:
1927-3	Base excess:SCnc:Pt:BldV:Qn:
1959-6	Bicarbonate:SCnc:Pt:Bld:Qn:
1960-4	Bicarbonate:SCnc:Pt:BldA:Qn:
1961-2	Bicarbonate:SCnc:Pt:BldC:Qn:
14627-4	Bicarbonate:SCnc:Pt:BldV:Qn:
1975-2	Bilirubin:MCnc:Pt:Ser/Plas:Qn:
17863-2	Calcium.ionized:MCnc:Pt:Ser/Plas:Qn:
1994-3	Calcium.ionized:SCnc:Pt:Bld:Qn:
1994-3	Calcium.ionized:SCnc:Pt:Bld:Qn:
34581-9	Calcium.ionized:SCnc:Pt:BldA:Qn:
1995-0	Calcium.ionized:SCnc:Pt:Ser/Plas:Qn:
17861-6	Calcium:MCnc:Pt:Ser/Plas:Qn:
2019-8	Carbon dioxide:PPres:Pt:BldA:Qn:
2020-6	Carbon dioxide:PPres:Pt:BldC:Qn:
2021-4	Carbon dioxide:PPres:Pt:BldV:Qn:
2075-0	Chloride:SCnc:Pt:Ser/Plas:Qn:
14979-9	Coagulation surface induced:Time:Pt:PPP:Qn:Coag
5902-2	Coagulation tissue factor induced:Time:Pt:PPP:Qn:Coag
13969-1	Creatine kinase:MB:MCnc:Pt:Ser/Plas:Qn:
2160-0	Creatinine:MCnc:Pt:Ser/Plas:Qn:
785-6	Erythrocyte mean corpuscular hemoglobin:EntMass:Pt:RBC:Qn:Automated count
785-6	Erythrocyte mean corpuscular hemoglobin:EntMass:Pt:RBC:Qn:Automated count
601-5	Fungus identified:Prid:Pt:Bld:Nom:Culture
601-5	Fungus identified:Prid:Pt:Bld:Nom:Culture
2324-2	Gamma glutamyl transferase:CCnc:Pt:Ser/Plas:Qn:
2345-7	Glucose:MCnc:Pt:Ser/Plas:Qn:
4544-3	Hematocrit:VFr:Pt:Bld:Qn:Automated count
4544-3	Hematocrit:VFr:Pt:Bld:Qn:Automated count
718-7	Hemoglobin:MCnc:Pt:Bld:Qn:
718-7	Hemoglobin:MCnc:Pt:Bld:Qn:
6690-2	Leukocytes:NCnc:Pt:Bld:Qn:Automated count
6690-2	Leukocytes:NCnc:Pt:Bld:Qn:Automated count
804-5	Leukocytes:NCnc:Pt:Bld:Qn:Manual count
787-2	Mean corpuscular volume:EntVol:Pt:RBC:Qn:Automated count
664-3	Microscopic observation:Prid:Pt:XXX:Nom:Gram stain
533-0	Mycobacterium sp identified:Prid:Pt:Bld:Nom:Organism specific culture
2713-6	Oxygen saturation.calc from oxygen partial pressure:SFr:Pt:Bld:Qn:
2708-6	Oxygen saturation:SFr:Pt:BldA:Qn:
2709-4	Oxygen saturation:SFr:Pt:BldC:Qn:
2711-0	Oxygen saturation:SFr:Pt:BldV:Qn:
2703-7	Oxygen:PPres:Pt:BldA:Qn:
2744-1	pH:LsCnc:Pt:BldA:Qn:
2745-8	pH:LsCnc:Pt:BldC:Qn:
2746-6	pH:LsCnc:Pt:BldV:Qn:
2777-1	Phosphate:MCnc:Pt:Ser/Plas:Qn:
777-3	Platelets:NCnc:Pt:Bld:Qn:Automated count
777-3	Platelets:NCnc:Pt:Bld:Qn:Automated count
778-1	Platelets:NCnc:Pt:Bld:Qn:Manual count
2823-3	Potassium:SCnc:Pt:Ser/Plas:Qn:
2951-2	Sodium:SCnc:Pt:Ser/Plas:Qn:
10839-9	Troponin I.cardiac:MCnc:Pt:Ser/Plas:Qn:
48425-3	Troponin T.cardiac:MCnc:Pt:Bld:Qn:
3094-0	Urea nitrogen:MCnc:Pt:Ser/Plas:Qn:

FACILITY 3 BROWARD HEALTHCARE		
Result Interface Code	Result Name	Unit of Measure
55548699	Alanine Aminotransferase	units/L
55548695	Albumin Level	g/dL
55548696	Alkaline Phosphatase	units/L
55548697	Aspartate Aminotransferase	units/L
	C BLD Blood Culture	
56047986	Base Excess	mmol/L
56048009	Bicarbonate Arterial	mEq/L
55548698	Bilirubin Total	mg/dL
55889768	Calcium Level Ionized	mmol/L
55548693	Calcium Level Total	mg/dL
56048007	P CO2 Arterial	mmHg
55548687	Chloride	mmol/L
55623250	Partial Thromboplastin Time	sec(s)
55668128	Prothrombin Time	sec(s)
55891431	Creatine Kinase MB	ng/mL
Creatinine Level	Creatinine Lvl	mg/dL
55542289	Mean Cell Hemoglobin	pg
55977396	Gamma Glutamyl Transferase	units/L
55548690	Glucose Level	mg/dL
55542287	Hematocrit	%
55542285	Hemoglobin	g/dL
55542282	White Blood Cell	_X10^3
55542288	Mean Cell Volume	fl
56048010	Oxygen Saturation Arterial	%
56048008	P O2 Arterial	mmHg
56048006	pH Arterial	
55630513	Phosphorus Level	mg/dL
55542291	Platelet	_X10^3
55548685	Potassium Level	mmol/L
55548683	Sodium Level	mmol/L
55845282	Troponin-I	ng/mL
55548691	Blood Urea Nitrogen	mg/dL

FACILITY 4 MIAMI CHILDRENS			
Result Interface Code (ID)	Result Interface Code (HISTESTCD)	Result Name	Unit of Measure
ALT	4024282	ALT (SGPT)	IU/L
ALB	4024154	Albumin	g/dL
ALP	4024158	Alkaline Phos	IU/L
AST	4024280	AST (SGOT)	IU/L
CXBLD	4024704	Blood Culture	
ABE	1611070	ABE	mmol/L
CBE	1601070	CBE	mmol/L
VBE	1129	VBE	mmol/L
AHCO3	1611060	AHCO3	mmol/L
CHCO3	1601060	CHCO3	
BILIT	4024171	Total Bilirubin	mg/dL
CAION	4024179	Calcium Ionized	mmol/L
CA	4024178	Calcium	mg/dL
APCO2	1601420	APCO2	mmHg
CL	4024182	Chloride	mmol/L
APTT	4024426	APTT	sec
PTI	3000510	Prothrombin Time	sec
CREAT	4024196	Creatinine	mg/dL
MCH	2000120	MCH	
NMCH	2040040	Neo MCH	
CXFNB	4024717	Culture Fungus, Blood	
GGT	4024007	GGT	IU/L
GLU	4024212	Glucose	mg/dL
HCT	2000220	HCT	%
NHCT	2000220	Neo HCT	%
HGB	2000210	HGB	g/dL
NHGB	2040010	Neo HGB	g/dL
WBCI	1177	WBC	k/uL
NWBCI	1174	Neo WBC	k/uL
MCV	2000100	MCV	fL
CXAFL	4024789	Culture AFB, Blood	
AOSAT	1600140	AO2 Saturation	%
APH	4054110	APH	
CPH	4054108	CPH	
VPH	1126	VPH	
PHOS	4024254	Phosphorus	mg/dL
PLT	2000820	Platelet Count	k/uL
NPLT	4024519	Neo Platelet Count	k/uL
PLTM	4024542	Platelet Ct Manual	cumm
K	4024256	Potassium	mmol/L
NA	4024266	Sodium	mmol/L
BUN	4024284	BUN	mg/dL

FACILITY 5 BAYCARE		
Result Interface Code (ID)	Result Name	Unit of Measure
315870	ALT	IU/L
315834	Albumin	g/dL
315848	Alk Phos	IU/L
316000	AST	IU/L
652349	C Blood	
670007	HCO3 ActCalc	mmol/L
670007	HCO3 ActCalc	mmol/L
316050	Bili Total	mg/dL
316098	Ion Calc	mg/dL
316094	Calcium	mg/dL
670005	PaCO2	mmHg
316182	Cl	mmol/L
666660	APTT	sec
317196	PT	Seconds
316928	CK MB	ng/mL
316296	Creatinine	mg/dL
316930	MCH	pg
316524	GGT	IU/L
316530	Glucose	mg/dL
316590	HCT	%
316660	HGB	g/dL
317876	WBC	th/uL
316934	MCV	fL
670013	O2 Sat Calc	%
670006	PaO2	mmHg
670004	AcidBase pH	
317100	Phos	mg/dL
317116	Pit	th/uL
317144	Potassium	mmol/L
317298	Sodium	mmol/L
317444	Troponin-I	ng/mL
316068	BUN	mg/dL