



i-STAT ANALYTES : LOINC® CODE INDEX

LOINC* CODING IS A UNIVERSAL STANDARD CODING SYSTEM FOR LABORATORY & CLINICAL OBSERVATIONS

It is the key to interoperability and analysis of clinical results/observations for evidence-based outcomes measurement.

Standard terms are used for both observations and measurements, allowing an efficient exchange and aggregation of electronic health data across independent and disparate systems, making LOINC the preferred code set for electronic exchange among healthcare facilities, laboratories and public health agencies.

This best practice document is intended as a guidance for customers when assigning LOINC codes to their laboratory test menu. Note: These are not intended to be definitive codes. The code(s) that Abbott Point of Care is providing in this best practice document are based upon review of the LOINC database. The LOINC Long Test Name has also been evaluated with the other parameters for each given code as described in the database.

Each LOINC Code presented here provides the following information:

- Analyte
- System/Sample Type
- Property Measured
- Units of measure

*Logical Observation Identifiers Names and Codes

The Timing/duration for each parameter listed is Point in Time (Pt)		The Scale Type for each parameter listed is Quantitative (Qn)		Unit designations listed are the examples from the UCUM (Unified Code for Units of Measure)	
COMPONENT / ANALYTE	LOINC NUMBER	SYSTEM/ SAMPLE TYPE	PROPERTY MEASURED	UNITS	
SODIUM/(Na)	32717-1	BldA	SCnc	mmol/L	
	39791-9	BldV	SCnc	mmol/L	
	39792-7	BldC	SCnc	mmol/L	
	2947-0	Bld	SCnc	mmol/L	
POTASSIUM/(K)	32713-0	BldA	SCnc	mmol/L	
	39789-3	BldV	SCnc	mmol/L	
	39790-1	BldC	SCnc	mmol/L	
	6298-4	Bld	SCnc	mmol/L	
CHLORIDE/(Cl)	41650-3	BldA	SCnc	meq/L	
	41649-5	BldV	SCnc	meq/L	
	51590-8	BldC	SCnc	mmol/L	
	2069-3	Bld	SCnc	mmol/L	
IONIZED CALCIUM/(iCa)	34581-9	BldA	SCnc	mmol/L	
	59471-3	BldV	MCnc	mg/dL	
	41644-6	BldC	MCnc	mmol/L	
	1994-3	Bld	SCnc	mmol/L	
	54367-8	BldCo	SCnc	mmol/L	
LACTATE/(Lac)	2518-9	BldA	SCnc	mmol/L	
	2519-7	BldV	SCnc	mmol/L	
	19239-3	BldC	SCnc	mmol/L	
	32693-4	Bld	SCnc	mmol/L	
	55932-8	BldCo	SCnc	mmol/L	
GLUCOSE/(Glu)	41651-1	BldA	MCnc	mg/dL	
	41652-9	BldV	MCnc	mg/dL	
	329016-8	BldC	MCnc	mg/dL	
	2339-0	Bld	MCnc	mg/dL	
BLOOD UREA NITROGEN/(BUN)	12961-9	BldA	MCnc	mg/dL	
	12962-7	BldV	MCnc	mg/dL	
	6299-2	Bld	MCnc	mg/dL	

PROPERTIES

ACnc	Arbitrary Concentration	MFr	Mass Fraction
LsCnc	Log substance Concentration	VFr	Volume Fraction
MCnc	Mass Concentration	PPress	Pressure (partial)
SCnc	Substance Concentration	RelTime	Relative Time
ArVRat	Aeric volume rate	Imp	Impression/Interpretation
		PrThr	Presence or Threshold

SAMPLE TYPES

Bld	Whole Blood	BldCoA	Blood Cord Arterial
BldA	Blood Arterial	BldCoV	Blood Cord Venous
BldC	Blood Capillary	Ser/Plas	Serum or Plasma
BldV	Blood Venous	Ser/Plas/Bld	Serum, Plasma or Blood
BldCo	Blood Cord	Plas/Bld	Plasma or Blood

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UREA/(Urea)	20977-5	Bld	MCnc	mg/dL	
	72903-8	Bld	SCnc	mmol/L	
	72927-7	BldA	SCnc	mmol/L	
	72926-9	BldV	SCnc	mmol/L	
CREATININE/(Crea)	21232-4	BldA	MCnc	mg/dL	
	38483-4	Bld	MCnc	mg/dL	
TOTAL CARBON DIOXIDE/(TCO ₂)	2026-3	BldA	SCnc	mmol/L	
	2027-1	BldV	MCnc	mmol/L	
	16551-4	BldC	SCnc	mmol/L	
	20565-8	Bld	SCnc	mmol/L	
	39466-8	BldCoA	SCnc	mmol/L	
	39465-0	BldCoV	SCnc	mmol/L	
	34520-7	BldCo	SCnc	mmol/L	
ANION GAP/(AnGap) (calculated)	41276-7	Bld	SCnc	mmol/L	
pH/(pH) (at 37° C)	2744-1	BldA	LsCnc	[pH]	
	2746-6	BldV	LsCnc	[pH]	
	2745-8	BldC	LsCnc	[pH]	
	11558-4	Bld	LsCnc	[pH]	
	28646-8	BldCoA	LsCnc	[pH]	
	28647-6	BldCoV	LsCnc	[pH]	
	14873-4	BldCo	LsCnc	[pH]	
pH (adjusted to patient's actual temperature)	33254-4	BldA	LsCnc	[pH]	
	39486-6	BldV	LsCnc	[pH]	
	39485-8	BldC	LsCnc	[pH]	
	49701-6	Bld	LsCnc	[pH]	
	49698-4	BldCoA	LsCnc	[pH]	
	49699-2	BldCoV	LsCnc	[pH]	
	47720-8	BldCo	LsCnc	[pH]	

PROPERTIES

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SAMPLE TYPES

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The Timing/duration for each parameter listed is Point in Time (Pt)		The Scale Type for each parameter listed is Quantitative (Qn)		Unit designations listed are the examples from the UCUM (Unified Code for Units of Measure)	
COMPONENT / ANALYTE	LOINC NUMBER	SYSTEM/ SAMPLE TYPE	PROPERTY MEASURED	UNITS	
CARBON DIOXIDE, PARTIAL PRESSURE (PCO_2) (at 37° C)	2019-8	BldA	PPress	mm[Hg]	
	2021-4	BldV	PPress	mm[Hg]	
	2020-6	BldC	PPress	mm[Hg]	
	11557-6	Bld	PPress	mm[Hg]	
	28644-3	BldCoA	PPress	mm[Hg]	
	28645-0	BldCoV	PPress	mm[Hg]	
	14003-8	BldCo	PPress	mm[Hg]	
CARBON DIOXIDE, PARTIAL PRESSURE/(PCO_2) (at patient's actual temperature)	32771-8	BldA	PPress	mm[Hg]	
	40619-9	BldV	PPress	mm[Hg]	
	40620-7	BldC	PPress	mm[Hg]	
	34705-4	Bld	PPress	mm[Hg]	
	49694-3	BldCoA	PPress	mm[Hg]	
	49695-0	BldCoV	PPress	mm[Hg]	
	47599-6	BldCo	PPress	mm[Hg]	
OXYGEN, PARTIAL PRESSURE/(PO_2) (at 37° C)	2703-7	BldA	PPress	mm[Hg]	
	2705-2	BldV	PPress	mm[Hg]	
	2704-5	BldC	PPress	mm[Hg]	
	11556-8	Bld	PPress	mm[Hg]	
	28648-4	BldCoA	PPress	mm[Hg]	
	28649-2	BldCoV	PPress	mm[Hg]	
	14864-3	BldCo	PPress	mm[Hg]	
OXYGEN, PARTIAL PRESSURE/(PO_2) (at patient's actual temperature)	19255-9	BldA	PPress	mm[Hg]	
	19258-3	BldV	PPress	mm[Hg]	
	19256-7	BldC	PPress	mm[Hg]	
	19254-2	Bld	PPress	mm[Hg]	
	49696-8	BldCoA	PPress	mm[Hg]	
	49697-6	BldCoV	PPress	mm[Hg]	
	47716-6	BldCo	PPress	mm[Hg]	
Oxygen Saturation/(sO_2)(calculated)	51733-4	BldA	MFr	%	
	51731-8	BldV	MFr	%	
	51732-6	BldC	MFr	%	
	2713-6	Bld	MFr	%	

PROPERTIES

ACnc	Arbitrary Concentration	MFr	Mass Fraction
LSnc	Log substance Concentration	VFr	Volume Fraction
MCnc	Mass Concentration	PPress	Pressure (partial)
SCnc	Substance Concentration	RelTime	Relative Time
ArVRat	Aeric volume rate	Imp	Impression/Interpretation
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SAMPLE TYPES

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COMPONENT / ANALYTE	LOINC NUMBER	SYSTEM/ SAMPLE TYPE	PROPERTY MEASURED	UNITS	
BICARBONATE/(HCO ₃) (calculated)	1960-4	BldA	SCnc	mmol/L	
	14627-4	BldV	SCnc	mmol/L	
	1961-2	BldC	SCnc	mmol/L	
	1959-6	Bld	SCnc	mmol/L	
	28640-1	BldCoA	SCnc	mmol/L	
	28641-9	BldCoV	SCnc	mmol/L	
	14141-5	BldCo	SCnc	mmol/L	
BASE EXCESS, EXTRACELLULAR FLUID/ (BE, ecf) (calculated)	19235-1	BldA	SCnc	mmol/L	
	1927-7	BldV	SCnc	mmol/L	
	1926-5	BldC	SCnc	mmol/L	
BASE EXCESS, BLOOD/(BE) OR (BE, bld)	1925-7	BldA	SCnc	mmol/L	
	1927-7	BldV	SCnc	mmol/L	
	1926-5	BldC	SCnc	mmol/L	
HEMATOCRIT/(Hct) or (Hct, CPB)	32354-3	BldA	VFr	%	
	41654-5	BldV	VFr	%	
	42908-4	BldC	VFr	%	
	20570-8	Bld	VFr	%	
	11151-8	BldCo	VFr	%	
HEMOGLOBIN/(Hb) OR (Hb*) OR (Hb*, CPB)(calculated)	30313-1	BldA	MCnc	g/dL	
	30350-3	BldV	MCnc	g/dL	
	30352-9	BldC	MCnc	g/dL	
	20509-6	Bld	MCnc	g/dL	
	33026-6	BldCoA	MCnc	g/dL	
	33025-8	BldCoV	MCnc	g/dL	
	40719-7	BldCo	MCnc	g/dL	
KAOLIN ACTIVATED CLOTTING TIME/(ACT) OR (ACTWBT) OR (ACT (prewarm)) or (ACT (nonwarm))	80659-6	Bld	Time	s	
CELITE ACTIVATED CLOTTING TIME/ (ACT) OR (ACTWBT)	80658-8	Bld	Time	s	

PROPERTIES

ACnc Arbitrary Concentration
 LsCnc Log substance Concentration
 MCnc Mass Concentration
 SCnc Substance Concentration
 ArVRat Aeric volume rate

MFr Mass Fraction
 VFr Volume Fraction
 PPress Pressure (partial)
 RelTime Relative Time
 Imp Impression/Interpretation
 PrThr Presence or Threshold

SAMPLE TYPES

Bld Whole Blood
 BldA Blood Arterial
 BldC Blood Capillary
 BldV Blood Venous
 BldCo Blood Cord

BldCoA Blood Cord Arterial
 BldCoV Blood Cord Venous
 Ser/Plas Serum or Plasma
 Ser/Plas/Bld Serum, Plasma or Blood
 Plas/Bld Plasma or Blood

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PROTHROMBIN TIME/(PT)	5964-2	Bld	Time	s	
	46417-2	BldC	Time	s	
INTERNATIONAL NORMALIZED RATIO/ (INR) (calculated)	34714-6	Bld	RelTime	{INR}	
	46418-0	BldC	RelTime	{INR}	
CARDIAC TROPONIN-I/(cTnI)	42757-5	Bld	MCnc	ng/mL	
	10839-9	Ser/Plas	MCnc	ng/mL	
HIGH SENSITIVITY TROPONIN-I/(hs-TnI)	106906-1	Ser/Plas/Bld	MCnc	ng/L (pg/mL)	
CREATINE KINASE MB/ (CK-MB)	49551-5	Bld	MCnc	ng/mL	
	13969-1	Ser/Plas	MCnc	ng/mL	
B-TYPE NATRIURETIC PEPTIDE/(BNP)	42637-9	Bld	MCnc	pg/mL	
	30934-4	Ser/Plas	MCnc	pg/mL	
TOTAL BETA-HUMAN CHRORIONIC GONADOTROPIN/(β-HCG)	19180-9	Ser/Plas	ACnc	[IU]/L	
ESTIMATED GLOMERULAR FILTRATION RATE / (eGFR) NON-AFRICAN AMERICAN, MDRD EQUATION	48642-3	Ser/Plas/Bld	ArVRat	mL/min/ {1.73_m2}	
ESTIMATED GLOMERULAR FILTRATION RATE / (eGFR-A) AFRICAN AMERICAN, MDRD EQUATION	48643-1	Ser/Plas/Bld	ArVRat	mL/min/ {1.73_m2}	
ESTIMATED GLOMERULAR FILTRATION RATE/ (eGFR-A) AFRICAN AMERICAN, CKD-EPI EQUATION	88293-6	Ser/Plas/Bld	ArVRat	mL/min/ {1.73_m2}	
ESTIMATED GLOMERULAR FILTRATION RATE/ (eGFR) NON-AFRICAN AMERI- CAN, CKD-EPI EQUATION	88294-4	Ser/Plas/Bld	ArVRat	mL/min/ {1.73_m2}	
TBI PLASMA INTERPRETATION	97603-5	Plas/Bld	Imp	elevated/ non-elevated	
TBI INTERPRETATION	97603-5	Plas/Bld	Imp	elevated/ non-elevated	
GLIAL FIBRILLARY ACIDIC PROTEIN (GFAP)	97604-3	Ser/Plas	MCnc	pg/mL	
	105327-1	Bld	MCnc	pg/mL	
UBIQUITIN CARBOXYL- TERMMINAL HYDROLASE-L1 (UCH-L1)	97605-0	Ser/Plas	MCnc	pg/mL	
	105328-9	Bld	MCnc	pg/mL	

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