

Proposed LOINCs For POC Tests 12-5-05

Term #	Universal Name	Units	LOINC	Shortname	Component	Property	Time	System	Scale	Method
	<b>CHEMISTRY RELATED TESTS</b>									
31158	ALT Bld Qn (POC)	UNITS/L		ALT Bld POC-cCnc	ALANINE AMINOTRANSFERASE	CCNC	PT	BLD	QN	POC
31159	AST Bld Qn (POC)	UNITS/L		AST Bld POC-cCnc	ASPARTATE AMINOTRANSFERASE	CCNC	PT	BLD	QN	POC
22639	Bilirubin-UA(POC)			Bilirub Ur POC-aCnc	BILIRUBIN	ACNC	PT	UR	ORD	POC
23240	Calcium Ion Bld Qn (POC)	mg/dL		Ca-I Bld POC-mCnc	CALCIUM.IONIZED	MCNC	PT	BLD	QN	POC
21233	Calcium-Ion Bld mmol/L (POC)	mmol/L		Ca-I Bld POC-sCnc	CALCIUM.IONIZED	SCNC	PT	BLD	QN	POC
31105	Cholesterol Bld Qn (POC)	mg/dL		Cholest Bld POC -mCnc	CHOLESTEROL	MCNC	PT	BLD	QN	POC
31108	Cholesterol/HDL Bld Qn (POC)			Cholest/HDL Bld Rto POC	CHOLESTEROL TOTAL/CHOLESTEROL HDL	MCRTO	PT	BLD	QN	POC
23192	Creatinine Bld Qn (POC)	mg/dL		Creatinine Bld POC-mCnc	CREATININE	MCNC	PT	BLD	QN	POC
22414	Glucose Bld Qn (POC)	mg/dL		Glucose Bld POC-mCnc	GLUCOSE	MCNC	PT	BLD	QN	POC
31106	HDL Cholesterol Bld Qn (POC)	mg/dL		HDLc Bld POC-mCnc	CHOLESTEROL.IN HDL	MCNC	PT	BLD	QN	POC
22411	Hgb A1C Bld Qn (POC)	%		Hgb A1c % Bld-mCnc	A1C/HEMOGLOBIN TOTAL	MFR	PT	BLD	QN	POC
29654	Lactate ART (ISTAT)	mmol/L		Lactate BldA POC-sCnc	LACTATE	SCNC	PT	BLDA	QN	POC
29500	Lactate (ISTAT)	mmol/L		Lactate Bld POC-sCnc	LACTATE	SCNC	PT	BLD	QN	POC
31109	LDL Calc Bld Qn (POC)	mg/dL		LDLc Bld Calc POC-mCnc	CHOLESTEROL.IN LDL	MCNC	PT	BLD	QN	POC
31178	non-HDL Choles Calc Bld Qn (POC)	mg/dL		Non HDL Chol Bld Calc POC-mCnc	CHOLESTEROL.IN NON HDL Note	MCNC	PT	BLD	QN	POC
31107	Triglycerides Bld Qn (POC)	mg/dL		Trigl Bld POC-mCnc	TRIGLYCERIDE	MCNC	PT	BLD	QN	POC
31110	VLDL Calc Bld Qn (POC)	mg/dL		VLDLc Bld Calc-mCnc	CHOLESTEROL.IN VLDL	MCNC	PT	BLD	QN	POC
	<b>ELECTROLYTES</b>									
18997	Chloride Bld Qn (ISTAT)	mmol/L		Chloride Bld POC-sCnc	CHLORIDE	SCNC	PT	BLD	QN	POC
23239	Potassium Bld Qn (POC)	mmol/L		Potassium Bld POC-sCnc	POTASSIUM	SCNC	PT	BLD	QN	POC
23238	Sodium Bld Qn (POC)	mmol/L		Sodium Bld POC-sCnc	SODIUM	SCNC	PT	BLD	QN	POC
24921	HCO3 Bld Qn (POC)	mmol/L		HCO3 Bld POC-sCnc	BICARBONATE	SCNC	PT	BLD	QN	POC
	<b>BLOOD GAS TESTS</b>									
		mmol/L		Base Deficit Bld Calc POC-sCnc	BASE DEFICIT	SCNC	PT	BLD	QN	POC
23292	Base Excess Bld Qn Calc (POC)	mmol/L		Base Excess Bld Calc POC-sCnc	BASE EXCESS	SCNC	PT	BLD	QN	POC
21228	CO2 Tot (POC)	mmol/L		CO2 Bld POC-sCnc	CARBON DIOXIDE	SCNC	PT	BLD	QN	POC
		%		O2 Satn % Bld POC	OXYGEN SATURATION *** See Note	SFR	PT	BLD	QN	POC
23234	pCO2 Bld Qn (POC)	mm Hg		pCO2 Bld Qn POC	CARBON DIOXIDE	PPRES	PT	BLD	QN	POC
23233	pH Bld Qn (POC)			pH Bld POC-sCnc	PH	SCNC	PT	BLD	QN	POC
23235	pO2 Bld Qn (POC)	mm Hg		pO2 Bld Qn POC	OXYGEN ** See Note	PPRES	PT	BLD	QN	POC
		mm Hg		pO2 temp adj Bld Qn POC	OXYGEN**ADJUSTED TO PATIENTS ACTUAL TEMPERATURE **See Note	PPRES	PT	BLD	QN	POC
	<b>BLOOD GAS-ARTERIAL TESTS</b>									
25969	Base Deficit BldA Qn (POC)	mmol/L		Base Deficit BldA POC-sCnc	BASE DEFICIT	SCNC	PT	BLDA	QN	POC
21227	Base Excess BldA Qn (POC)	mmol/L		Base Excess BldA POC-sCnc	BASE EXCESS	SCNC	PT	BLDA	QN	POC
		mmol/L		CO2 BldA POC-sCnc	CARBON DIOXIDE	SCNC	PT	BLDA	QN	POC
21229	HCO3 BldA Qn (POC)	mmol/L		HCO3 BldA POC-sCnc	BICARBONATE	SCNC	PT	BLDA	QN	POC
30889	O2 Sat BldA Qn (POC)	%		O2 Satn % BldA POC	OXYGEN SATURATION *** See Note	SFR	PT	BLDA	QN	POC
21231	pCO2 BldA Qn (POC)	mm Hg		pCO2 Bld QN POC	CARBON DIOXIDE	PPRES	PT	BLDA	QN	POC
21232	pH BldA Qn (POC)			pH BldA POC-sCnc	PH	SCNC	PT	BLDA	QN	POC
21230	pO2 BldA Qn (POC)	mm Hg		pO2 BldA Qn POC	OXYGEN ** See Note	PPRES	PT	BLDA	QN	POC

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		mm Hg		pO2 temp adj BldA Qn POC	OXYGEN**ADJUSTED TO PATIENTS ACTUAL TEMPERATURE ** See Note	PPRES	PT	BLDA	QN	POC
	<b>BLOOD GAS-VENOUS TESTS</b>									
31128	Base Deficit BldV Qn (POC)	mmol/L		Base Deficit BldV POC-sCnc	BASE DEFICIT	SCNC	PT	BLDV	QN	POC
31129	Base Excess BldV Qn (POC)	mmol/L		Base Excess BldV POC-sCnc	BASE EXCESS	SCNC	PT	BLDV	QN	POC
		mmol/L		CO2 BldV POC-sCnc	CARBON DIOXIDE	SCNC	PT	BLDV	QN	POC
31119	HCO3 BldV Qn Calc (POC)	mmol/L		HCO3 BldV POC-sCnc	BICARBONATE	SCNC	PT	BLDV	QN	POC
31116	O2 Sat BldV Qn (POC)	%		O2 Satn % BldV POC	OXYGEN SATURATION *** See Note	SFR	PT	BLDV	QN	POC
31118	pCO2 BldV Qn (POC)	mm Hg		pCO2 BldV Qn POC	CARBON DIOXIDE	PPRES	PT	BLDV	QN	POC
31117	pH BldV Qn (POC)			pH BldV POC-sCnc	PH	SCNC	PT	BLDV	QN	POC
31115	PO2 BldV Qn (POC)	mm Hg		pO2 BldV Qn POC	OXYGEN ** See Note	PPRES	PT	BLDV	QN	POC
		mm Hg		pO2 temp adj BldV Qn POC	OXYGEN**ADJUSTED TO PATIENTS ACTUAL TEMPERATURE ** See Note	PPRES	PT	BLDV	QN	POC
	<b>CARDIAC ENZYME</b>									
30586	Troponin I POC	ng/mL		Troponin I Bld POC-mCnc	TROPONIN I.CARDIAC	MCNC	PT	BLD	QN	POC
	<b>COAGULATION RELATED TESTS</b>									
22107	ACT Bld Qn (POC)	sec		ACT Bld Qn POC	COAGULATION ACTIVATED	TIME	PT	BLD	QN	POC
31227	D Dimer Plas Qn (POC)	ng/mL		D Dimer PPP POC-mCnc	FIBRIN D-DIMER	MCNC	PT	PPP (there may be BLD assays available)	QN	POC
22102	Prottime (POC)	INR(POC)		INR Bld Qn POC	COAGULATION TISSUE FACTOR INDUCED.INR	RLTM	PT	BLD	QN	POC
30875	Prottime-POC	sec		PT Bld Qn POC	COAGULATION TISSUE FACTOR INDUCED	TIME	PT	BLD	QN	POC
30871	INR POC			INR Bld Qn POC	COAGULATION TISSUE FACTOR INDUCED.INR	RLTM	PT	BLD	QN	POC
	<b>HEMATOLOGY TESTS</b>									
23243	Hct Bld Qn (POC)	%		HCT % Bld POC	HEMATOCRIT	VFR	PT	BLD	QN	POC
22410	Hgb Bld Qn (POC)	g/dL		Hgb Bld POC-mCnc	HEMOGLOBIN	MCNC	PT	BLD	QN	POC
	<b>INFECTIOUS DISEASE</b>									
30962	HIV-1 Ab Bld QL (POC)			HIV1 Ab Bld QI POC	HIV 1 AB	ACNC	PT	BLD	ORD	POC
31407	HIV-1 Ab Bld QL (POC) Interp			HIV1 Ab Bld Imp POC	HIV 1 AB	IMP	PT	BLD	NAR	POC
30868	Influenza A Ag QL (POC)			FLUA Ag XXX QI POC	INFLUENZA VIRUS A AG	ACNC	PT	XXX	ORD	POC
30869	Influenza B Ag QL (POC)			FLUB Ag XXX QI POC	INFLUENZA VIRUS B AG	ACNC	PT	XXX	ORD	POC
	<b>MISCELLANEOUS TESTS</b>									
31353	B HCG Plas Qn (POC)	mU/mL		B-HCG PI POC-aCnc	CHORIOGNADOTROPIN.BETA SUBUNIT ( PREGNANCY)	ACNC	PT	PLAS	QN	POC
22412	Hemocult (POC)			Hemocult StI QI POC	HEMOGLOBIN.GASTROINTESTINAL	ACNC	PT	STL	ORD	POC

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29501	POC Bld Sample Type			Specimen Source Bld POC	SPECIMEN SOURCE (Answers: unspecified mixed venous venous arterial )	TYPE	PT	BLD	NOM	POC
	*Description for Term 31178, non-HDL Choles Calc Bld Qn (POC): Calculation of "non-HDL" (Total cholesterol minus HDL cholesterol) by Cholestec instrument. Not VLDL. Run on whole blood in a POC setting.			**For Terms 23235 & 21230, pO2 Bld Qn (POC) and pO2 BldA Qn (POC), the ISTAT information (ISTAT is a point of care instrument) indicates the pO2 is temperature dependent and is measured at 37 degrees C, but there is a temperature correction algorithm available, and the pO2 can be corrected by entering the patient's temperature. This would make the LOINC component "OXYGEN^ADJUSTED TO PATIENTS ACTUAL TEMPERATURE".	***For Terms 30889 and 31116, Oxygen Saturation terms, the ISTAT information indicates that sO2 (oxygen saturation) is calculated from measured pO2 and pH and from HCO3 calculated from measured pCO2 and pH. However, this calculation assumes normal affinity of oxygen for hemoglobin (it does not take into consideration erythrocyte diphosphoglycerate (2,3-DPG) concentrations which affect the oxyhemoglobin dissociation curve and assumes normal amounts of disfunctional hemoglobin (carboxy-,met- and sulphemoglobin) are present.					