

Conversion table Cypress Diagnostics: Conversion of Conventional Units to SI Units

How to read this table?

The conversion from conventional units to SI units is done by multiplying the conventional unit by the conversion factor.

example Cholesterol:

- Conventional unit = mg/dL

- SI unit = mmol/L

The conversion of the result for cholesterol from mg/dL to mmol/L is done by multiplying the conventional unit by the conversion factor 0.0259. (mg/dL x 0.0259 = mmol/L).

Analyte	Product category	Conventional Units	Decimals (Conventional units)	Conversion Factor to SI Units	SI Units	Decimals (SI units)
Alanine aminotransferase (ALT/GPT)	Biochemistry	U/L	0	0,01667	µkat/L	2
Albumin	Biochemistry	g/dL	1	10	g/L	0
Amylase	Biochemistry	U/L	0	0,01667	µkat/L	2
Antistreptolysin-O (ASO)	Latex	IU/mL	0	1	kiU/L	0
Aspartate aminotransferase (AST/GOT)	Biochemistry	U/L	0	0,01667	µkat/L	2
Hematocrit (HCT)	Hematology	%	1	0,01	L/L	2
Bilirubin, direct	Biochemistry	mg/dL	2	17,1	µmol/L	1
Bilirubin, total	Biochemistry	mg/dL	2	17,1	µmol/L	1
BUN (mg/dL) -> Urea (mg/dL)	Biochemistry	mg/dL	0	2,14		0
BUN (mg/dL) -> Urea (mmol/L)	Biochemistry	mg/dL	0	0,357	mmol/L	1
Calcium	Biochemistry	mg/dL	1	0,25	mmol/L	2
Chloride	Biochemistry	mEq/L	0	1	mmol/L	0
Cholesterol	Biochemistry	mg/dL	0	0,0259	mmol/L	2
Chorionic gonadotropin (hCG)	Quicktest	mIU/mL	0	1	IU/L	0
C-reactive protein (CRP)	Latex	mg/L	1	1	mg/L	1
Creatine kinase (CK)	Biochemistry	U/L	0	0,01667	µkat/L	2
Creatinine	Biochemistry	mg/dL	2	88,4	µmol/L	0
Creatinine	Biochemistry	mg/kg/24h	0	8,84	µmol/kg/24h	0
Red cell distribution width (RDWc)	Hematology	%	2	1	%	1

Analyte	Product category	Conventional Units	Decimals (Conventional units)	Conversion Factor to SI Units	SI Units	Decimals (SI units)
Basophils	Hematology	10 ³ /μL	1	1	10 ⁹ /L	1
Glucose	Biochemistry	mg/dL	0	0,0555	mmol/L	1
Glucose-6-phosphate dehydrogenase (G-6-PD)	Biochemistry	U/L	0	0,01667	μkat/L	2
Glucose-6-phosphate dehydrogenase (G-6-PD)	Biochemistry	U/g Hb	1	64,5	U/mmol Hb	0
Glucose-6-phosphate dehydrogenase (G-6-PD)	Biochemistry	U/10 ¹² RBC	0	10 ⁻³	nU/RBC	2
Glucose-6-phosphate dehydrogenase (G-6-PD)	Biochemistry	U/mL RBC	2	1	U/mL RBC	2
γ-Glutamyltransferase (γ-GT)	Biochemistry	U/L	0	0,01667	μkat/L	2
Glycated hemoglobin (HbA1c)	Turbidimetry	%	1		mmol/mol (IFCC)	0
Eosinophils	Hematology	10 ³ /μL	1	1	10 ⁹ /L	1
Hemoglobin	Biochemistry	g/dL	1	10	g/L	0
Hemoglobin (HGB)	Hematology	g/dL	1	10	g/L	0
High-density lipoprotein cholesterol (HDL-C)	Biochemistry	mg/dL	0	0,0259	mmol/L	1
Iron	Biochemistry	μg/dL	0	0,179	μmol/L	1
Lactate dehydrogenase (LDH)	Biochemistry	U/L	0	0,01667	μkat/L	1
Lipase	Biochemistry	U/L	0	0,01667	μkat/L	2
Low-density lipoprotein cholesterol (LDL-C)	Biochemistry	mg/dL	0	0,0259	mmol/L	1
Lymphocytes (LYM)	Hematology	10 ³ /μL	1	1	10 ⁹ /L	1
Magnesium	Biochemistry	mg/dL	2	0,4114	mmol/L	2
Magnesium URINE	Biochemistry	mg/24h	0	0,04114	mmol/24h	2
Monocytes	Hematology	10 ³ /μL	1	1	10 ⁹ /L	1
Neutrophils	Hematology	10 ³ /μL	1	1	10 ⁹ /L	1
Platelet count (PLT)	Hematology	10 ³ /μL	1	1	10 ⁹ /L	1
White blood cell count (WBC)	Hematology	10 ³ /μL	1	1	10 ⁹ /L	1
Red blood cell count (RBC)	Hematology	10 ⁶ /μL	2	1	10 ¹² /L	2
Mean corpuscular volume (MCV)	Hematology	fL	0	1	fL	0
Phosphorus	Biochemistry	mg/dL	1	0,323	mmol/L	2



Analyte	Product category	Conventional Units	Decimals (Conventional units)	Conversion Factor to SI Units	SI Units	Decimals (SI units)
Phosphorus URINE	Biochemistry	mg/dL	1	32,3	mmol/L	1
Phosphatase, acid	Biochemistry	U/L	1	0,01667	µkat/L	2
Phosphatase, alkaline	Biochemistry	U/L	0	0,01667	µkat/L	2
Mean platelet volume (MPV)	Hematology	fL	0	1	fL	0
Potassium	Biochemistry	mEq/L	1	1	mmol/L	1
Protein, total	Biochemistry	g/dL	1	10	g/L	0
Mean corpuscular hemoglobin concentration (MCHC)	Hematology	g/dL	1	10	g/L	0
Fibrinogen	Hematology	mg/dL	0	0,01	g/L	1
Rheumatoid factor (RF)	Latex	IU/mL	1	1	kIU/L	1
Sodium	Biochemistry	mEq/L	0	1	mmol/L	0
Triglycerides	Biochemistry	mg/dL	0	0,0113	mmol/L	1
Urea	Biochemistry	mg/dL	0	0,1668	mmol/L	1
Urea URINE	Biochemistry	g/24h	0	0,0167	mol/24h	2
Uric acid	Biochemistry	mg/dL	1	59,48	µmol/L	0
Uric acid URINE	Biochemistry	mg/24h		0,005948	mmol/24h	
Mean corpuscular hemoglobin (MCH)	Hematology	pg	2	1	pg	2
Total Protein in Urine and CSF (TPUC) -URINE	Biochemistry	mg/24h	0	0,001	g/24h	2
Total Protein in Urine and CSF (TPUC)	Biochemistry	mg/dL	0	10	mg/L	0

