

HARMONIZACIJA JEDINICA MJERENJA U KLINIČKIM LABORATORIJAMA U CRNOJ GORI

Preporuka Crnogorskog društva kliničke hemije i laboratorijske medicine

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Analiza	Jedinice u kojima se izdaju rezultati u CG	SI jedinice	Konverzija
ACTH	pg/mL, pmol/L	pmol/L	pg/mL * 0,22 = pmol/L
AFP	ug/L, IU/mL	samo konvencionalne ug/L	IU/mL*1,21 = ug/L
Aldosteron	pmol/L, pg/mL, ng/dL	nmol/L	ng/dL * 0,01 * 0,0277431 = nmol/L; pmol/L*1000=nmol/L
AMH	pmol/L, ng/mL	pmol/L	ng/mL * 7,1429 = pmol/L
Androstendion	nmol/L, ng/mL	nmol/L	ng/mL * 3.4916 = nmol/L
C peptid	ng/mL, nmol/L	nmol/L	ng/mL * 0,3311 = nmol/L
Ca 125	IU/mL	samo konvencionalne IU/mL	
Ca 15-3	IU/mL	samo konvencionalne IU/mL	
Ca 19-9	IU/mL	samo konvencionalne IU/mL	
Ca 72-4	IU/mL	samo konvencionalne IU/mL	
CEA	ng/mL	samo konvencionalne ug/L	
Cyfra 21-1	ug/L	samo konvencionalne ug/L	
D-dimer		mg/L FEU ili mg/L DDU uz oznaku DDU	Jedinice izražavanja zavise od proizvođača pa se kao takve moraju poštovati (FEU ili DDU), ali se moraju izraziti u mg/L. Ne preporučuje se konverzija FEU u DDU i obratno. Naglasiti kada je jedinica DDU, npr. DDU (boldovati).
DHEA-S	umol/L, ug/dL	umol/L	ug/dL * 0,0271 = umol/L
Eritropoetin	mIU/mL, IU/L	IU/L	
Estradiol	pmol/L, pg/mL	pmol/L	pg/mL * 3,3713 = pmol/L
Folna kiselina	nmol/L, ng/mL	nmol/L i pmol/L	ng/mL * 2,2655 = nmol/L
free PSA	ug/L	samo konvencionalne ug/L	
FSH	IU/L	samo konvencionalne IU/L	
ft3	pmol/L, pg/mL	pmol/L	pg/mL * 1,5361 = pmol/L
ft4	pmol/L, pg/mL	pmol/L	pg/mL * 1,2872 = pmol/L

HE 4	pmol/L	nmol/L i pmol/L	
Homocistein	umol/L, ug/mL	umol/L	ug/mL * 7,3975 = umol/L
Hormon rasta	mIU/L, ng/mL	konvencionalne ng/mL ili ug/L	ng/mL * 3,0030 = mIU/L
Hromogranin A	ug/L (ng/mL), nmol/L	ug/L	ug/L * 0,02778 = nmol/L
hs Troponin I	ng/L, ng/mL	konvencionalne ng/L	
IgF 1	ng/mL, ug/L, nmol/L	nmol/L	ng/mL * 0,1307 = nmol/L
IgFBP 3	ug/mL	konvencionalne ug/mL	
IL-6	pg/mL, ng/L	konvencionalne pg/mL	
Insulin	mIU/L, ng/mL	pmol/L	mIU/L * 6.9444 = pmol/L
Kalcitonin	pmol/L, pg/mL	pg/mL (različiti izvori)	pmol/L * 3,4176 = pg/mL
Kortizol	nmol/L, ng/mL	nmol/L	ng/mL * 2,7586 = nmol/L
LH	IU/L	konvencionalne IU/L	
NSE	ug/L, ng/mL	konvencionalne ug/L	
NT-Pro BNP	pmol/L, pg/mL	pmol/L	pg/mL * 0,1182 = pmol/L
Osteokalcin	ug/L, ng/mL	konvencionalne ug/L	
Progesteron	nmol/L, ng/mL	nmol/L , pmol/L	ng/mL * 3,1801 = nmol/L i ng/mL * 3180,0547 = pmol/L
Prolaktin	mIU/L, ng/mL	ug/L	mIU/L * 0,047 = ug/L (ng/mL)
PSA	ug/L, ng/mL	konvencionalne ug/L	
PTH	pmol/L, pg/mL	pmol/L	pg/mL * 0,1060 = pmol/L
Renin	mIU/L, pg/mL	pmol/L, KCCG će izražavati u mIU/L (preporuka proizvođača)	pg/mL * 0,0237 = pmol/L; u zavisnosti od metode ima više konverzionih faktora iz pg/mL u mIU/L i obrnuto; Renin se radi samo u CKLD KCCG - jedinica koja se koristi mIU/L (ako još neka lab radi renin, moraju se harmonizovati CKLD i ta lab)
S 100	ug/L, ng/mL	konvencionalne ug/L	

SCC	ng/mL, ug/L	konvencionalne ug/L	
SHBG	nmol/L, ng/L (mg/mL)	nmol/L	ng/L (mg/mL) * 10,5263 = nmol/L
T3		nmol/L	
T4		nmol/L	
Testosteron	nmol/L, ng/mL	nmol/L	ng/mL * 3.4672 = nmol/L
Tg At		IU/mL	
Tireoglobulin	ng/mL, ug/L	konvencionalne ug/L	
TP1NP		ug/L	
TPO At		IU/mL	
TSH		mIU/L	
TSH-R At		IU/L	
Vitamin B12	pmol/L, pg/mL	pmol/L	pg/mL * 0.7378 = pmol/L
Vitamin D		nmol/L	
β cross laps	pg/mL, ng/mL	konvencionalne ng/L	
β2 mikroglobulin	mg/L, ug/L	mg/L (različiti izvori pišu drugačije), sve laboratorije u CG izražavaju u mg pa je odlučeno da se prihvati ta SI jedinica	ug/L * 84.8176 = nmol/L
βHCG		IU/L	
Feritin	ug/L	nmol ili pmol/L, ug/L (Oxford)	ug/L * 0.0022 = nmol/L ug/L * 2.2472 = pmol/L
17-OH progesteron	nmol/L, ug/L	nmol/L	ug/L * 3.03 = nmol/L
Dihidrotestostero n	umol/L, ug/dL	umol/L	ug/dL * 0.027 = umol/L
Vitamin A	umol/L	umol/L	
Vitamin B1	nmol/L	nmol/L	
Vitamin B2	nmol/L	nmol/L	
Vitamin B3	umol/L	umol/L	
Vitamin B6	nmol/L	nmol/L	
Vitamin K	nmol/L	nmol/L	
Noradrenalin	nmol/L	nmol/L	ug/L * 5,91 = nmol/L
Adrenalin	nmol/L	nmol/L	ug/L * 5.46 = nmol/L
Dopamin	nmol/L	nmol/L	ug/L * 6,53 = nmol/L
Normetanefrin	umol/L	umol/L	ug/L * 5,46 = nmol/L

Metanefrin	umol/L	umol/L	ug/L * 5,07 = nmol/L
3-Methoxytyramin	umol/L	umol/L	ug/L * 5,98 = nmol/L
VMA	umol/L	umol/L	mg/L * 5,05 = umol/L
5-HIAA	umol/L	umol/L	mg/L * 5,49 = umol/L
HVA	umol/L	umol/L	mg/L * 5,23 = umol/L