

Reference Material: Lysosomal Storage Disorders

Product ID: LSDQC-08

Expiration Date: June 2026

Analysis Method (GALC, GAA, IDUA, GLA, ABG, ASM): NeoLSD MSMS Kit – Revvity

Analysis Method (I2S): LC-MS/MS non-kit

Units: $\mu\text{mol/hr/L}$ blood

Material Storage: $-20^{\circ}\text{C} \pm 10^{\circ}\text{C}$

Lot	Analyte	Mean Activity Level	95% LL	95% UL
F2408	Galactoceramidase (GALC)	0.10	0.00	0.41
F2408	Acid α -Glucosidase (GAA)	0.16	0.00	0.33
F2408	α -L-Iduronidase (IDUA)	0.06	0.00	0.12
F2408	α -Galactosidase (GLA)	1.90	0.00	4.32
F2408	β -Glucocerebrosidase (ABG)	0.18	0.00	0.46
F2408	Acid Sphingomyelinase (ASM)	0.05	0.00	0.18
F2408	Iduronate-2-Sulfatase (I2S)	0.05	0.00	0.19
G2408	Galactoceramidase (GALC)	0.34	0.20	0.47
G2408	Acid α -Glucosidase (GAA)	0.63	0.33	0.92
G2408	α -L-Iduronidase (IDUA)	0.39	0.25	0.52
G2408	α -Galactosidase (GLA)	2.95	1.01	4.89
G2408	β -Glucocerebrosidase (ABG)	0.60	0.36	0.84
G2408	Acid Sphingomyelinase (ASM)	0.11	0.04	0.17
G2408	Iduronate-2-Sulfatase (I2S)	0.51	0.30	0.72
H2408	Galactoceramidase (GALC)	2.48	1.58	3.38
H2408	Acid α -Glucosidase (GAA)	3.97	2.59	5.35
H2408	α -L-Iduronidase (IDUA)	3.17	2.04	4.30
H2408	α -Galactosidase (GLA)	7.83	5.76	9.90
H2408	β -Glucocerebrosidase (ABG)	3.33	2.00	4.66
H2408	Acid Sphingomyelinase (ASM)	0.95	0.64	1.26
H2408	Iduronate-2-Sulfatase (I2S)	4.79	3.54	6.04
I2408	Galactoceramidase (GALC)	4.86	3.35	6.37
I2408	Acid α -Glucosidase (GAA)	6.11	4.29	7.93
I2408	α -L-Iduronidase (IDUA)	5.62	3.84	7.41
I2408	α -Galactosidase (GLA)	12.55	10.18	14.92
I2408	β -Glucocerebrosidase (ABG)	6.16	4.09	8.23
I2408	Acid Sphingomyelinase (ASM)	1.54	1.11	1.97
I2408	Iduronate-2-Sulfatase (I2S)	9.13	6.26	11.99