



User's Manual

Rat/Mouse Ghrelin (active) ELISA KIT



DEIA7409



96T



This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

Creative Diagnostics

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PRODUCT INFORMATION

Intended Use

The Rat/Mouse Ghrelin (active) ELISA KIT is used for the non-radioactive quantification of rat/mouse ghrelin (active) in serum and plasma.

Storage

Recommended storage for kit components is 2-8°C.

All components are shipped and stored at 2-8°C. Reconstituted standards and controls can be frozen for future use but repeated freeze thaws should be avoided. Refer to expiration dates on all reagents prior to use. Do not mix reagents from different kits unless they have the same lot numbers.

Precision

Intra and Inter-assay Variations

Sample	Active Ghrelin (pg/mL) Mean, n = 6	Intra-assay CV (%)	Inter-assay CV (%)
Rat serum 1	61	4.90	9.81
Rat serum 2	206	1.08	2.10
Rat serum 3	1,046	1.00	1.40
Mouse serum 1	54	7.09	9.26
Mouse serum 2	195	1.60	3.41
Mouse serum 3	1,036	0.27	1.56
Rat Plasma 1	90	0.57	4.90
Rat Plasma 2	231	1.27	3.27
Rat Plasma 3	982	0.65	1.15
Mouse Plasma 1	58	5.56	4.70
Mouse Plasma 2	210	2.70	4.08
Mouse Plasma 3	1,035	0.86	1.23

Table 5.

Detection Range

The normal range of active ghrelin in 24-hour fasted rat and mouse (CD-1) blood is-120 pg/mL and 600 pg/mL, respectively.

Sensitivity

8 pg/mL