



Hamster Insulin Standard

Research Reagent

Shibayagi Code No.: ASIN-001

Content: Golden hamster insulin

Preparation: Reverse phase chromatography

Concentration: 10ng/ml in phosphate buffer containing a stabilizing agent.

Volume: 500 μ l/bottle, 5 bottles

Storage condition: 2-8C

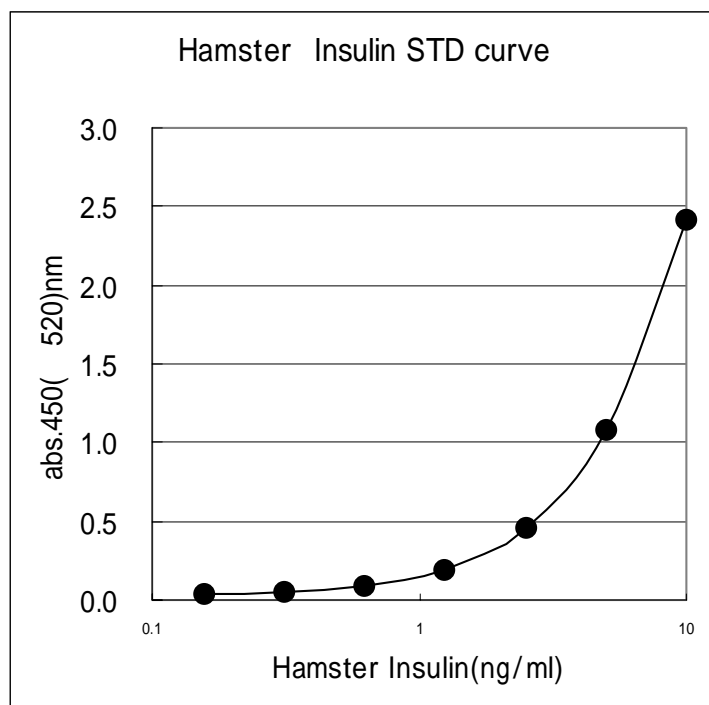
Valid period: 6 months after preparation

Please, shake down the solution in the bottle before opening of the cap.

An example of standard curve when used with Rat Insulin ELISA Kit (TMB) (AKRIN-010T)

Hamster STD	abs.450(620)nm	mean	SD	CV(%)
0	0.030 0.029	0.030	0.0007	2.4
0.156	0.042 0.041	0.042	0.0007	1.7
0.3125	0.055 0.055	0.055	0.0000	0.0
0.625	0.093 0.095	0.094	0.0014	1.5
1.25	0.198 0.194	0.196	0.0028	1.4
2.5	0.463 0.446	0.455	0.0120	2.6
5	1.087 1.069	1.078	0.0127	1.2
10	2.420 2.410	2.415	0.0071	0.3

(単位: ng/ml)



Assay data (by Shibayagi Co. Ltd.)

Animals: Armenian hamsters (8 weeks of age), males, fasted for 24 hours.

Assay samples: sera from 5 animals.

Assay system: Rat Insulin ELISA Kit (AKRIN-010T) with hamster insulin standard

Assay results: Mean: 0.441ng/ml , SD: 0.178ng/ml

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