

Product Datasheet

Rat Syndecan-1/CD138 ELISA Kit (Colorimetric) NBP2-76611

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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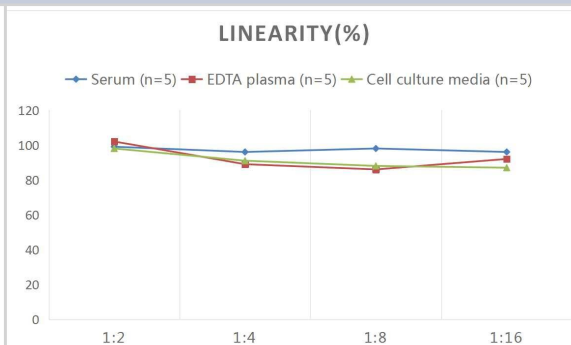


NBP2-76611**Rat Syndecan-1/CD138 ELISA Kit (Colorimetric)**

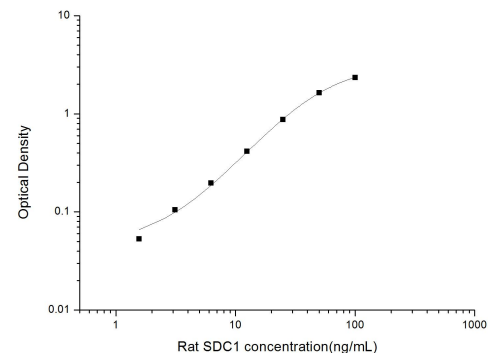
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	6382
Gene Symbol	SDC1
Species	Rat
Specificity/Sensitivity	This kit recognizes Rat SDC1 in samples. No significant cross-reactivity or interference between Rat SDC1 and analogues was observed.
Kit Components	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
Standard Curve Range	1.563 - 100 ng/mL
Sensitivity	0.938 ng/mL
Inter Assay	%CV < 4.98
Intra Assay	%CV < 4.57
Assay Type	Sandwich-ELISA
Spiking Recovery	90 - 107%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Rat Syndecan-1/CD138 ELISA Kit (Colorimetric) [NBP2-76611] - Samples were spiked with high concentrations of Rat Syndecan-1/CD138 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat Syndecan-1/CD138 ELISA Kit (Colorimetric) [NBP2-76611] - Standard Curve Reference



Publications

Abdullah S, Ghio M, Cotton-Betteridge A et al. Succinate metabolism and membrane reorganization drives the endotheliopathy and coagulopathy of traumatic hemorrhage *Science advances* 2023-06-16 [PMID: 37315138] (ELISA)

Yin T, Becker LB, Choudhary RC Et al. Hydrogen gas with extracorporeal cardiopulmonary resuscitation improves survival after prolonged cardiac arrest in rats *Journal of translational medicine* 2021-11-16 [PMID: 34781966] (ELISA)



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Products Related to NBP2-76611

NBP1-88135PEP	Syndecan-1/CD138 Recombinant Protein Antigen
M6000B-1	IL-6 [HRP]
AF2780	Syndecan-1/CD138 Antibody
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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