

# Product Datasheet

## Rat CXCL12/SDF-1 alpha ELISA Kit (Colorimetric) NBP2-75373

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP2-75373****Rat CXCL12/SDF-1 alpha ELISA Kit (Colorimetric)**

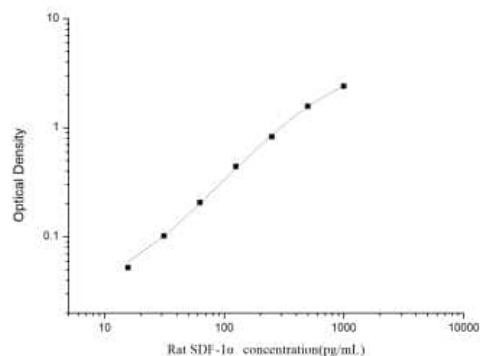
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.

<b>Product Description</b>	
<b>Gene ID</b>	6387
<b>Gene Symbol</b>	CXCL12
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	This kit recognizes Rat SDF-1(alpha) in samples. No significant cross-reactivity or interference between Rat SDF-1(alpha) and analogues was observed.
<b>Kit Components</b>	Micro ELISA Plate(Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100×), Concentrated HRP Conjugate (100×), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25×), Substrate Reagent, Stop Solution, Plate Sealer, Product Description, Certificate of Analysis
<b>Standard Curve Range</b>	15.63 - 1000 pg/mL
<b>Sensitivity</b>	9.38 pg/mL
<b>Inter Assay</b>	CV% < 5.11%
<b>Intra Assay</b>	CV% < 5.05%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	85-107%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL

<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

**Images**

Rat CXCL12/SDF-1 alpha ELISA Kit (Colorimetric) - Standard Curve Reference

**Publications**

Inan S, Meissler J, Shekarabi A et al. Cyanidin prevents MDPV withdrawal-induced anxiety-like effects and dysregulation of cytokine systems in rats Brain Research 2023-03-01 [PMID: 36871847] (ELISA)





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### **Products Related to NBP2-75373**

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NBP2-35155-100ug	Recombinant Mouse CXCL12/SDF-1 alpha Protein
210-TA-005	TNF-alpha [Unconjugated]
350-NS-010	CXCL12/SDF-1 alpha [Unconjugated]
D6050	IL-6 [HRP]

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### **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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