

# Product Datasheet

## Human CD44 - variant 5 ELISA Kit (Colorimetric) NBP1-89874

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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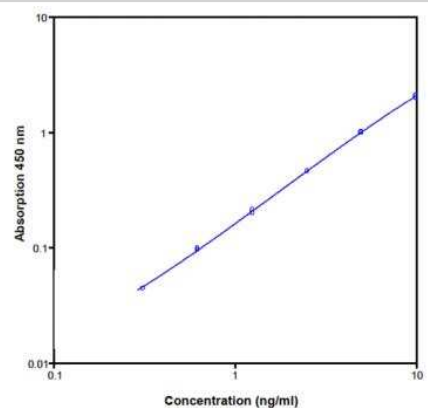


**NBP1-89874****Human CD44 - variant 5 ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	96 Tests
<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>Description</b>	The human sCD44var (v5) ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of human sCD44var (v5)
<b>Gene ID</b>	960
<b>Gene Symbol</b>	CD44
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This assay recognizes both natural and recombinant forms of the CD44var (v5) molecule. The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a human CD44var (v5) positive serum. There was no crossreactivity detected, namely not with human CD44 polypeptides lacking the protein sequence encoded by exon 5
<b>Kit Components</b>	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to human sCD44var(v5), HRP-Conjugate (human sCD44var(v5) monoclonal antibody) and Sample Diluent, lyophilized, Aluminium pouch(es) with a human sCD44var(v5) Standard curve (coloured), Wash Buffer Concentrate 20x (phosphate-buffered saline with 1% Tween 20), Sample Diluent (Use when an external predilution of the samples is needed), Substrate Solution (tetramethylbenzidine), Stop Solution (1M Phosphoric acid), Adhesive Films
<b>Standard Curve Range</b>	0.31 - 10.0 ng/mL
<b>Sensitivity</b>	0.14 ng/mL
<b>Inter Assay</b>	CV% < 5.8%
<b>Intra Assay</b>	CV% < 3.6%
<b>Assay Type</b>	Sandwich ELISA
<b>Spiking Recovery</b>	The recovery ranged from 84% to 100% with an overall mean recovery of 92%. Please see protocol for more specific Spike Recovery details.
<b>Suitable Sample Type</b>	Cell culture supernatant, serum, plasma (EDTA, citrate, heparin), amniotic fluid, urine
<b>Sample Volume</b>	20 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

Sandwich ELISA: Human CD44, variant 5 ELISA Kit (Colorimetric) [NBP1-89874] - Representative standard curve for human CD44var (v5) ELISA. Human CD44var (v5) was diluted in serial 2-fold steps in Sample Diluent. Do not use this standard curve to derive test results. A standard curve must be run for each group of microwell strips assayed.





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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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