

Product Datasheet

Human VEGFR2/KDR/FIk-1 ELISA Kit (Colorimetric) NBP1-83729

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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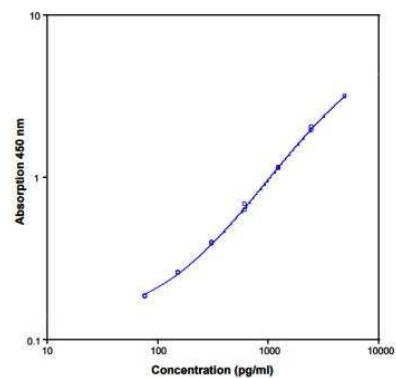
NBP1-83729**Human VEGFR2/KDR/Flk-1 ELISA Kit (Colorimetric)**

Product Information	
Unit Size	96 Tests
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	
Description	The human VEGF-R2/KDR ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of human VEGF-R2/KDR.
Gene ID	3791
Gene Symbol	KDR
Species	Human
Specificity/Sensitivity	The assay detects both natural and recombinant human VEGFR2/KDR/Flk-1. Cross reactivity and interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a human VEGFR2/KDR/Flk-1 positive sample. There was no cross reactivity detected, notably not with VEGF-R1 at physiological concentrations and not with VEGF-R3/FLT-4. There was no interference detected, notably not for VEGF-A and VEGF-C.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to human VEGF-R2/KDR, Biotin-Conjugate anti-human VEGF-R2/KDR monoclonal antibody, Streptavidin-HRP, Human VEGF-R2/KDR Standard lyophilized, 10 ng/mL upon reconstitution, Assay Buffer Concentrate 20x (PBS with 1% Tween 20 and 10% BSA), Wash Buffer Concentrate 20x (PBS with 1% Tween 20), Substrate Solution (tetramethyl-benzidine), Stop Solution (1M Phosphoric acid), Adhesive Films
Standard Curve Range	78 - 5000 pg/mL
Sensitivity	7.0 pg/mL
Inter Assay	CV% < 9.8%
Intra Assay	CV% < 5.3%
Assay Type	Sandwich ELISA
Spiking Recovery	Refer to manual
Suitable Sample Type	Cell culture supernatant, serum, plasma (EDTA, citrate, heparin), buffered solution
Sample Volume	50 uL (prediluted 1:25)
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA



Images

ELISA: VEGF R2/KDR/FIk-1 ELISA Kit [NBP1-83729] - Standard curve





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Products Related to NBP1-83729

NB100-530PEP	VEGFR2/KDR/Flk-1 Antibody Blocking Peptide
DVE00	VEGF [HRP]
AF644	VEGFR2/KDR/Flk-1 Antibody [Unconjugated]
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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