

Product Datasheet

Monkey ICAM-1/CD54 ELISA Kit (Colorimetric) NBP1-92712

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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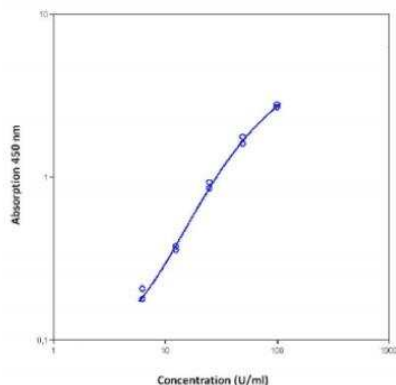


NBP1-92712**Monkey ICAM-1/CD54 ELISA Kit (Colorimetric)**

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 monkey sICAM-1 ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of monkey sICAM-1
Gene ID	3383
Gene Symbol	ICAM1
Species	Monkey
Specificity/Sensitivity	The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a monkey ICAM-1 positive serum. There was no cross reactivity detected.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with Monoclonal Antibody (murine) to monkey sICAM-1 and HRP-Conjugate (anti-monkey sICAM-1 monoclonal (murine) antibody, Sample Diluent lyophilized, Aluminium pouch(es) with a monkey sICAM-1 Standard curve (coloured), Wash Buffer Concentrate 20x (phosphate-buffered saline with 1% Tween 20), Substrate Solution (tetramethyl-benzidine), Sample Diluent (Use when an external predilution of the samples is needed), Stop Solution (1M Phosphoric acid), Adhesive Plate Covers
Standard Curve Range	6.3 - 100 U/mL
Sensitivity	1.1 U/mL
Inter Assay	CV% < 10%
Intra Assay	CV% < 5.0%
Assay Type	Sandwich ELISA
Spiking Recovery	The overall mean recovery was 95%. Please see protocol for more specific Spike Recovery details.
Suitable Sample Type	Cell culture supernatant, serum (baboon, rhesus serum)
Sample Volume	10 uL
Product Application Details	
Applications	ELISA, Sandwich ELISA
Recommended Dilutions	ELISA, Sandwich ELISA

Images

Sandwich ELISA: Monkey ICAM-1/CD54 ELISA Kit (Colorimetric) [NBP1-92712] - Representative standard curve for monkey ICAM-1 ELISA. Monkey ICAM-1 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.



Publications

Deng W, Bao L, Song Z et Al. Infection with SARS-CoV-2 can cause pancreatic impairment Signal Transduct Target Ther 2024-04-12 [PMID: 38609366] (ELISA)

Huang Hw, Yang Cm, Yang Ch Fibroblast Growth Factor Type 1 Ameliorates High-Glucose-Induced Oxidative Stress and Neuroinflammation in Retinal Pigment Epithelial Cells and a Streptozotocin-Induced Diabetic Rat Model International journal of molecular sciences 2021-07-05 [PMID: 34281287] (ELISA)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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