

Product Datasheet

Human CTLA-4 ELISA Kit (Colorimetric) NBP1-91268

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-91268

Updated 10/23/2024 v.20.1

**Earn rewards for product
reviews and publications.**

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-91268



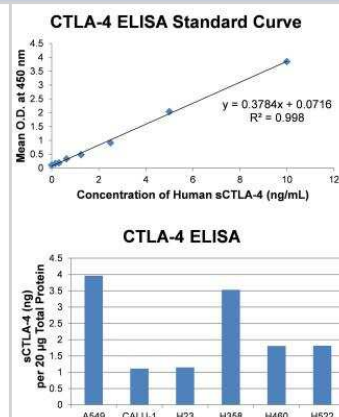
NBP1-91268**Human CTLA-4 ELISA Kit (Colorimetric)**

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	
Gene ID	1493
Gene Symbol	CTLA4
Species	Human
Specificity/Sensitivity	The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a human CTLA-4 positive serum. There was no crossreactivity detected.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to human sCTLA-4, Biotin-Conjugate anti-human sCTLA-4 monoclonal antibody, Streptavidin-HRP, Human sCTLA-4 Standard lyophilized, 20 ng/mL upon reconstitution, Sample Diluent, 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	0.16 - 10.0 ng/mL
Sensitivity	0.13 ng/mL
Inter Assay	CV% < 10.40%
Intra Assay	CV% < 4.80%
Assay Type	Sandwich ELISA
Spiking Recovery	78%
Suitable Sample Type	Cell culture supernatant, serum, plasma (EDTA, heparin), amniotic fluid
Sample Volume	10 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

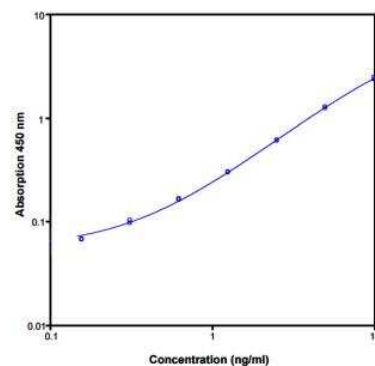


Images

ELISA: Human CTLA-4 ELISA Kit (Colorimetric) [NBP1-91268] - CTLA-4 expression in human lung cancer cell lines determined by ELISA. ELISA image submitted by a verified customer review.



ELISA: Human CTLA-4 ELISA Kit (Colorimetric) [NBP1-91268] - Representative standard curve for human sCTLA-4 ELISA. Human sCTLA-4 was diluted in serial 2-fold steps in Sample Diluent.



Publications

Todorova D, Zhang Y, Chen Q et al. hESC-derived immune suppressive dendritic cells induce immune tolerance of parental hESC-derived allografts *Biochem J* Nov 26 2020 12:00AM [PMID: 33242828] (WB, Human, Mouse, Rat)

Lampropoulou IT, Stangou M, Sarafidis P et al. TNF-alpha pathway and T-cell immunity are activated early during the development of diabetic nephropathy in Type II Diabetes Mellitus *Clin. Immunol.* 2020-04-15 [PMID: 32304735] (ELISA, Human)

Ehlerding EB, England CG, Majewski RL et al. ImmunoPET Imaging of CTLA-4 Expression in Mouse Models of Non-small Cell Lung Cancer. *Molecular Pharmaceutics* 2017-04-07 [PMID: 28388076] (ELISA, WB, Human)



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

Products Related to NBP1-91268

NBP2-22987	Recombinant Human CTLA-4 His Protein
210-TA-005	TNF-alpha [Unconjugated]
7268-CT-100	CTLA-4 [Unconjugated]
M6000B-1	IL-6 [HRP]

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-91268

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

