

Human Opticin ELISA Kit | OPTC elisa kit

Human Opticin ELISA Kit

CATALOG #
AAA97907

REACTIVITY
Human

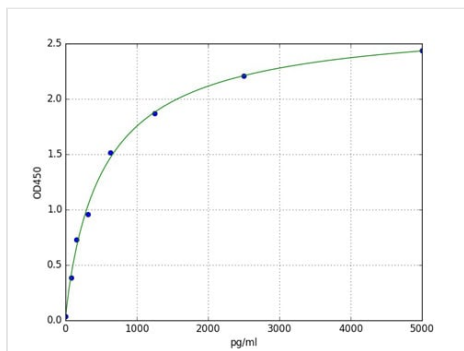
PRODUCT SYNONYMS

Opticin; Human Opticin ELISA Kit; OPTC (Opticin)/Oculogylican/OPTC/OPT; OPTC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	332
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human OPTC ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.059	0.125	0.165	0.275	0.484	0.817	1.474	2.254

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OPTC elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human OPTC antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human OPTC antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human OPTC amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human OPTC can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

7657419

NCBI GeneID	26254
NCBI Accession #	NP_055174.1
NCBI GenBank Nucleotide #	NM_014359.3
Molecular Weight	37,261 Da
NCBI Official Full Name	opticin
NCBI Official Synonym Full Names	opticin
NCBI Official Symbol	OPTC
NCBI Official Synonym Symbols	OPT
NCBI Protein Information	opticin
UniProt Protein Name	Opticin
UniProt Gene Name	OPTC
UniProt Synonym Gene Names	OPT
UniProt Entry Name	OPT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/optc-human-elisa-kits/opticin/97907>