

Human Involucrin ELISA Kit | INV elisa kit

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CATALOG #
AAA83705

REACTIVITY
Human

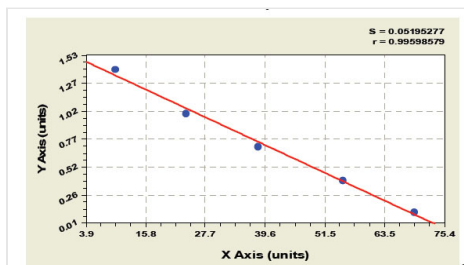
PRODUCT SYNONYMS

Involucrin; Human Involucrin ELISA Kit; INV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INV elisa kit

Intended Uses: This IL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IL. This ELISA kit for research use only!

Principle of the Assay: IL ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL antibody and an IL-HRP conjugate. The assay sample and buffer are incubated together with IL-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IL concentration since IL from samples and IL-HRP conjugate compete for the anti-IL antibody binding site. Since the number of sites is limited, as more sites are occupied by IL from the sample, fewer sites are left to bind IL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL concentration in each sample is interpolated from this standard curve.

Product Categories/Family for INV elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	44890059
NCBI GeneID	3713
NCBI Accession #	NP_005538.2
NCBI GenBank Nucleotide #	NM_005547.2
Molecular Weight	68,479 Da
NCBI Official Full Name	involucrin
NCBI Official Synonym Full Names	involucrin
NCBI Official Symbol	IVL
NCBI Protein Information	involucrin
UniProt Protein Name	Involucrin
UniProt Gene Name	IVL
UniProt Entry Name	INVO_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.

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Online datasheet: <https://stage.aaabiotech.com/inv-human-elisa-kits/involucrin/83705>