

Human Ubiquitin-like modifier ELISA Kit | ISG15 elisa kit

Human Ubiquitin-like modifier (ISG15) ELISA Kit

CATALOG #
AAA55725

REACTIVITY
Human

PRODUCT SYNONYMS

Ubiquitin-like modifier; Human Ubiquitin-like modifier (ISG15) ELISA Kit; ISG15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ISG15. No significant cross-reactivity or interference between Human ISG15 and analogues was observed.
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ISG15 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate ISG15 in samples. An antibody specific for ISG15 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ISG15 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ISG15 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ISG15 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4826774
NCBI GeneID	9636
NCBI Accession #	NP_005092.1
NCBI GenBank Nucleotide #	NM_005101.3
UniProt Accession #	P05161 ; Q5SVA4 ; Q7Z2G2 ; Q96GF0
Molecular Weight	17,888 Da

NCBI Official Full Name	ubiquitin-like protein ISG15
NCBI Official Synonym Full Names	ISG15 ubiquitin-like modifier
NCBI Official Symbol	ISG15
NCBI Official Synonym Symbols	G1P2; IP17; UCRP; IFI15; IMD38; hUCRP
NCBI Protein Information	ubiquitin-like protein ISG15
UniProt Protein Name	Ubiquitin-like protein ISG15
UniProt Gene Name	ISG15
UniProt Synonym Gene Names	G1P2; UCRP; IP17; hUCRP

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://www.aaabiotech.com/isg15-human-elisa-kits/ubiquitin-like-modifier/55725>