

Human Ubiquitin-like protein ISG15 ELISA Kit | ISG15 elisa kit

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CATALOG #
AAA101650

REACTIVITY
Human

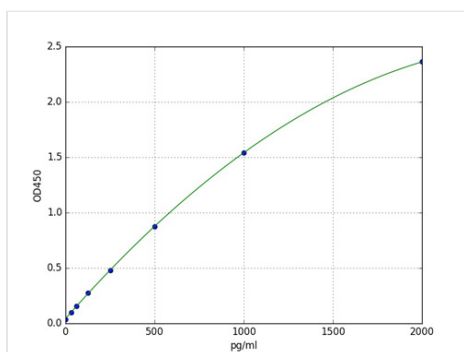
PRODUCT SYNONYMS

Ubiquitin-like protein ISG15; Human Ubiquitin-like protein ISG15 ELISA Kit; ISG15 (Interferon Stimulated Gene 15)/UCRP/G1P2/IFI15/IP17/G1P2interferon-induced 17-kDa/15-kDa protein/interferon; alpha-inducible protein (clone IFI-15K)/Interferon-induced 15 kDa protein/Interferon-induced 17 kDa protein/interferon-stimulated protein; 15 kDa/ISG15 ubiquitin-like modifier/Ubiquitin cross-reactive protein/ubiquitin-like protein ISG15/UCRPIP17; ISG15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	165
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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 ISG15 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	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.009	0.172	0.361	0.621	1.159	1.778	1.945	2.256

ADDITIONAL INFORMATION

Related Product Information for ISG15 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human ISG15 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ISG15 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 ISG15 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ISG15 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826774
NCBI GeneID	9636
NCBI Accession #	NP_005092.1
NCBI GenBank Nucleotide #	NM_005101.3
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
UniProt Entry Name	ISG15_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/human-elisa-kits/ubiquitin-like-protein-isg15/101650>