

Mouse ISG15 ubiquitin-like modifier ELISA Kit | ISG15 elisa kit

Mouse Ubiquitin-like protein ISG15, ISG15 ELISA Kit

CATALOG #
AAA18321

REACTIVITY
Mouse

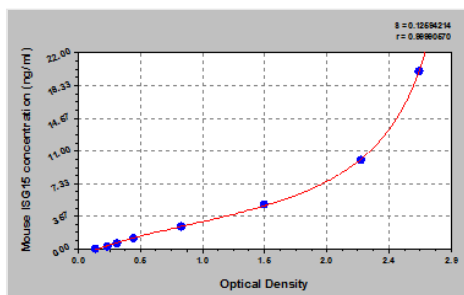
PRODUCT SYNONYMS

ISG15 ubiquitin-like modifier; Mouse Ubiquitin-like protein ISG15; ISG15 ELISA Kit; Mouse Ubiquitin-like protein ISG15 (ISG15) ELISA kit; G1P2; IFI15; UCRP; interferon; alpha-inducible protein (clone IFI-15K) ; interferon-induced 17-kDa/15-kDa protein; interferon-stimulated protein; 15 kDa; ubiquitin cross-reactive protein; ISG15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse ISG15. No significant cross-reactivity or interference between mouse ISG15 and analogues was observed.
Sequence Length	161
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates.
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ISG15 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. 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, avidin 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 #	226874851
NCBI GeneID	100038882
NCBI Accession #	NP_056598.2
NCBI GenBank Nucleotide #	NM_015783.3
UniProt Accession #	Q64339; Q8K0H3
Molecular Weight	17,898 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; Irfp; UCRP; IGI15
NCBI Protein Information	ubiquitin-like protein ISG15; interferon-stimulated protein 15; ubiquitin cross-reactive protein; interferon-induced 15 kDa protein; interferon-induced 15-KDa protein; interferon-induced 17 kDa protein; interferon, alpha-inducible protein; interferon-stimulated protein (15 kDa)
UniProt Protein Name	Ubiquitin-like protein ISG15
UniProt Gene Name	Isg15
UniProt Synonym Gene Names	G1p2; Ucrp; IP17
UniProt Entry Name	ISG15_MOUSE

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/mouse-elisa-kits/isg15-ubiquitin-like-modifier/18321>