

Human Integrator complex subunit 3 ELISA Kit | INTS3 elisa kit

Human Integrator complex subunit 3 ELISA Kit

CATALOG #
AAA99815

REACTIVITY
Human

PRODUCT SYNONYMS

Integrator complex subunit 3; Human Integrator complex subunit 3 ELISA Kit; INTS3 (Integrator complex subunit 3)/SOSS complex subunit A/Sensor of single-strand DNA complex subunit A/SOSS-A/Sensor of ssDNA subunit A); INTS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of INSM1. No significant cross-reactivity or interference between INSM1 and analogues was observed.
Sequence Length	1042
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
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level INSM1 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level INSM1 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
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

Typical Data & Standard Curve

Results of a typical standard operation of a INTS3 ELISA Kit are listed below. This standard curve was generated at our lab for demonstration purpose only. Users shall obtain standard curve as per experiment by themselves. (N/A=not applicable)

X	pg/ml	0	78.125	156.25	312.5	625	1250	2500	5000
Y	OD450	0.098	0.205	0.304	0.530	0.931	1.299	1.818	2.484

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INTS3 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-INSM1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-INSM1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin 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 INSM1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of INSM1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	39995084
NCBI GeneID	65123
NCBI Accession #	NP_075391.3
NCBI GenBank Nucleotide #	NM_023015.3
Molecular Weight	63,586 Da
NCBI Official Full Name	integrator complex subunit 3
NCBI Official Synonym Full Names	integrator complex subunit 3
NCBI Official Symbol	INTS3
NCBI Official Synonym Symbols	INT3; SOSSA; SOSS-A; C1orf60; C1orf193
NCBI Protein Information	integrator complex subunit 3
UniProt Protein Name	Integrator complex subunit 3
UniProt Gene Name	INTS3
UniProt Synonym Gene Names	C1orf193; C1orf60; Int3; SOSS-A; Sensor of ssDNA subunit A
UniProt Entry Name	INT3_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/int3-human-elisa-kits/integrator-complex-subunit-3/99815>