Human fusion (involved in t (12;16) in malignant liposarcoma) ELISA Kit | FUS elisa kit

Human RNA-binding protein FUS, FUS/TLS ELISA Kit

CATALOG #	REACTIVITY
AAA80917	**Human**

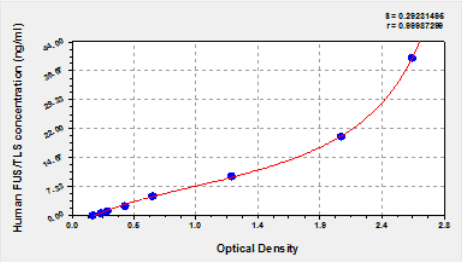
PRODUCT SYNONYMS

fusion (involved in t (12;16) in malignant liposarcoma); Human RNA-binding protein FUS; FUS/TLS ELISA Kit; Human RNA-binding protein FUS (FUS/TLS) ELISA kit; ALS6; FUS1; HNRNPP2; POMP75; TLS; 75 kDa DNA-pairing protein; RNA-binding protein FUS; fus-like protein; fusion gene in myxoid liposarcoma; heterogeneous nuclear ribonucleoprotein P2; oncogene TLS; transl; FUS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FUS. No significant cross-reactivity or interference between Human FUS and analogues was observed.
Sequence Length	525
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 FUS elisa kit	**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to FUS. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for FUS and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain FUS, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of FUS in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	283135201
NCBI GeneID	2521
NCBI Accession #	NP_001164105.1
NCBI GenBank Nucleotide #	NM_001170634.1
UniProt Accession #	P35637; Q9H4A8
Molecular Weight	53,426 Da
NCBI Official Full Name	RNA-binding protein FUS isoform 2
NCBI Official Synonym Full Names	FUS RNA binding protein
NCBI Official Symbol	FUS
NCBI Official Synonym Symbols	TLS; ALS6; ETM4; FUS1; POMP75; HNRNPP2
NCBI Protein Information	RNA-binding protein FUS; oncogene FUS; oncogene TLS; fus-like protein; fused in sarcoma; 75 kDa DNA-pairing protein; fusion gene in myxoid liposarcoma; translocated in liposarcoma protein; heterogeneous nuclear ribonucleoprotein P2
UniProt Protein Name	RNA-binding protein FUS
UniProt Gene Name	**FUS**
UniProt Synonym Gene Names	TLS
UniProt Entry Name	FUS_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://www.aaabiotech.com/fus-human-elisa-kits/fusion-involved-in-t-1216-in-malignant-liposarcoma/80917