

Mouse T lymphocyte subpopulation CD3/4/8 ELISA Kit | TLS elisa kit

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CATALOG #
AAA85028

REACTIVITY
Mouse

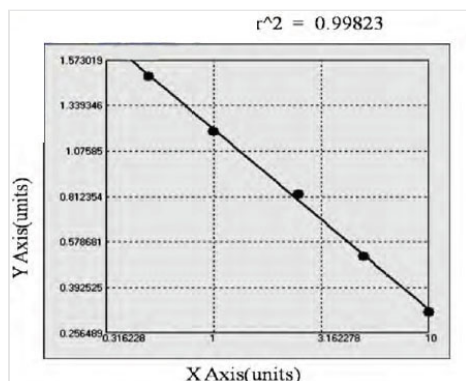
PRODUCT SYNONYMS

T lymphocyte subpopulation CD3/4/8; Mouse T lymphocyte subpopulation CD3/4/8 ELISA Kit; TLS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This TLS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse TLS. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TLS elisa kit

Principle of the Assay: TLS ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TLS antibody and an TLS-HRP conjugate. The assay sample and buffer are incubated together with TLS-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TLS concentration since TLS from samples and TLS-HRP conjugate compete for the anti-TLS antibody binding site. Since the number of sites is limited, as more sites are occupied by TLS from the sample, fewer sites are left to bind TLS-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TLS concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386157
NCBI GeneID	2521
Molecular Weight	53,355 Da
NCBI Official Full Name	TLS
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.