

Human Tetraspanin-14 ELISA Kit | TSPAN14 elisa kit

Human Tetraspanin-14 ELISA Kit

CATALOG #
AAA99194

REACTIVITY
Human

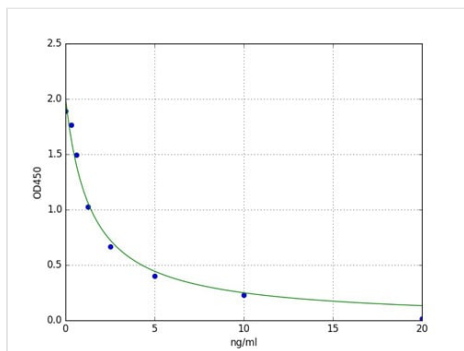
PRODUCT SYNONYMS

Tetraspanin-14; Human Tetraspanin-14 ELISA Kit; TSPAN14/HMG box transcription factor 1/High mobility group box transcription factor 1/; TSPAN14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	147
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 TSPAN14 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	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	2.381	1.817	1.400	1.293	0.897	0.581	0.476	0.354

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSPAN14 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human TSPAN14. During the reaction, Human TSPAN14 in the sample or standard competes with a fixed amount of biotin-labeled Human TSPAN14 for sites on a pre-coated Monoclonal antibody specific to Human TSPAN14. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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. The concentration of Human TSPAN14 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190341022
NCBI GeneID	81619
NCBI Accession #	NP_001121781.1
NCBI GenBank Nucleotide #	NM_001128309.1
Molecular Weight	16,902 Da
NCBI Official Full Name	tetraspanin-14 isoform 2
NCBI Official Synonym Full Names	tetraspanin 14
NCBI Official Symbol	TSPAN14
NCBI Official Synonym Symbols	TM4SF14; DC-TM4F2
NCBI Protein Information	tetraspanin-14
UniProt Protein Name	Tetraspanin-14
UniProt Gene Name	TSPAN14
UniProt Synonym Gene Names	TM4SF14; Tspan-14
UniProt Entry Name	TSN14_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/tspan14-human-elisa-kits/tetraspanin-14/99194>