

Human Tumor-Associated Antigen (TAA) ELISA Kit | TAA elisa kit

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CATALOG #
AAA190336

REACTIVITY
Human

PRODUCT SYNONYMS

Tumor-Associated Antigen (TAA); Human Tumor-Associated Antigen (TAA) ELISA Kit; TAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TAA. No significant cross-reactivity or interference between Human TAA and analogues was observed.
Sequence Length	237
Samples	Serum, plasma and other biological fluids
Detection Range	20 U/mL - 300 U/mL
Sensitivity	10 U/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2-8 degree C. Please refer to Instruction Manual.

ADDITIONAL INFORMATION

Related Product Information for TAA elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an avidin. Standards or samples are then added to the appropriate microtiter plate wells with Biotin-antibody and a Horseradish Peroxidase (HRP)-conjugated antibody and incubated. Only those wells that contain TAA, Biotin-antibody and HRP-Conjugated antibody 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 $\pm$ 2 nm. The concentration of TAA in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: For the quantitative detection of Human Tumor-associated antigen (TAA) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	180926
NCBI GeneID	7103
NCBI Official Full Name	tumor-associated antigen
NCBI Official Synonym Full Names	tetraspanin 8
NCBI Official Symbol	TSPAN8
NCBI Official Synonym Symbols	CO-029; TM4SF3

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/human-elisa-kits/tumor-associated-antigen-taa/190336>