

Mouse Translocator Protein (TSPO) RTU ELISA Kit | TSPO rtu elisa kit

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CATALOG #
AAA219544

REACTIVITY
Mouse

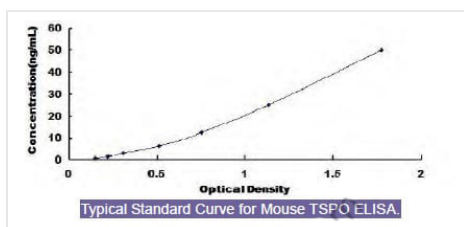
PRODUCT SYNONYMS

Translocator Protein (TSPO); Mouse Translocator Protein (TSPO) ELISA Kit; IBP; PKBS; PBR; pk18; mDRC; MBR; BZRP; DBI; PTBR; Mitochondrial benzodiazepine receptor; Peripheral-Type Benzodiazepine Receptor/Recognition Site; TSPO rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TSPO. No significant cross-reactivity or interference between TSPO and analogues was observed.
Sequence Length	169
Samples	Mouse Tissue Homogenates, Cell Lysates, Cell Culture Supernates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	0.113ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TSPO were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TSPO were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSPO rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of TSPO in mouse tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TSPO. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TSPO. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TSPO, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TSPO in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	163838662
NCBI GeneID	12257
NCBI Accession #	NP_033905.3
NCBI GenBank Nucleotide #	NM_009775.4
UniProt Accession #	P50637; Q541E3; Q62118; Q6LCZ0; Q99M32
Molecular Weight	18,841 Da
NCBI Official Full Name	translocator protein
NCBI Official Synonym Full Names	translocator protein
NCBI Official Symbol	Tspo
NCBI Official Synonym Symbols	IBP; PBR; Bzrp; Tspo1
NCBI Protein Information	translocator protein
UniProt Protein Name	Translocator protein
UniProt Gene Name	Tspo
UniProt Synonym Gene Names	Bzrp; Mbr; PBR

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://stage.aaabiotech.com/mouse-rtu-elisa-kits/translocator-protein-tspo/219544>