

Human Zonadhesin (ZAN) ELISA Kit | ZAN elisa kit

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CATALOG # AAA55991	REACTIVITY Human
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PRODUCT SYNONYMS

Zonadhesin (ZAN); Human Zonadhesin (ZAN) ELISA Kit; OTTHUMP00000211358; OTTHUMP00000211363; ZAN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ZAN. No significant cross-reactivity or interference between Human ZAN and analogues was observed.
Sequence Length	2812
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	0.05 ng/mL - 10 ng/mL
Sensitivity	0.05 ng/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<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ZAN elisa kit	Principle of the Assay: This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for ZAN and Horseradish Peroxidase (HRP) conjugated ZAN. The competitive inhibition reaction is launched between with HRP labeled ZAN and unlabeled ZAN with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of ZAN in the sample. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Zonadhesin (ZAN) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	603844408
NCBI GeneID	7455
NCBI Accession #	NP_003377.2
NCBI GenBank Nucleotide #	NM_003386.2
UniProt Accession #	Q9Y493; O00218; Q96L85; Q96L86; Q96L87; Q96L88; Q96L89; Q96L90; Q9BXN9; Q9BZ83; A0FKC8; D6W5W4

Molecular Weight	311,094 Da
NCBI Official Full Name	zonadhesin isoform 3
NCBI Official Synonym Full Names	zonadhesin (gene/pseudogene)
NCBI Official Symbol	ZAN
NCBI Protein Information	zonadhesin
UniProt Protein Name	Zonadhesin
UniProt Gene Name	ZAN

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/zonadhesin-zan/55991>