

Human Androstenedione ELISA Kit | ASD elisa kit

Human Androstenedione (ASD) ELISA Kit

CATALOG #
AAA55834

REACTIVITY
Human

PRODUCT SYNONYMS

Androstenedione; Human Androstenedione (ASD) ELISA Kit; 4-Androstenedione; 4-Androstene-3; 17-Dione; ASD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ASD. No significant cross-reactivity or interference between Human ASD and analogues was observed.
Sequence Length	21
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
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. 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 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ASD elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate ASD in samples. An antibody specific for ASD has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ASD present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ASD is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ASD bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1881796
NCBI Official Full Name	androstenedione 15 alpha-hydroxylase, cytochrome P450(15)alpha AD {N-terminal}

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.