

Human 17-alpha Methyltestosterone (17-alphaMT) ELISA Kit | 17-alphaMT elisa kit

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CATALOG #
AAA247122

REACTIVITY
Human

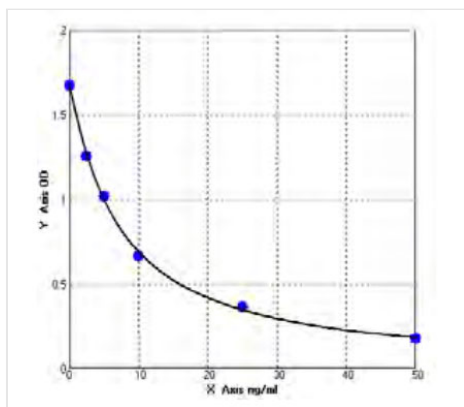
PRODUCT SYNONYMS

17-alpha Methyltestosterone (17-alphaMT); Human 17-alpha Methyltestosterone (17-alphaMT) ELISA Kit; 17-alphaMT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of 17-alpha MT. No significant cross-reactivity or interference between 17-alpha MT and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between 17-alpha MT and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 17-alphaMT elisa kit	Principle of the Assay: 17-alpha MT ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-17-alpha MT antibody and an 17-alpha MT-HRP conjugate. The assay sample and buffer are incubated together with 17-alpha MT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the 17-alpha MT concentration since 17-alpha MT from samples and 17-alpha MT-HRP conjugate compete for the anti-17-alpha MT antibody binding site. Since the number of sites is limited, as more sites are occupied by 17-alpha MT from the sample, fewer sites are left to bind 17-alpha MT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 17-alpha MT concentration in each sample is interpolated from this standard curve. Intended Uses: This 17-alpha MT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 17-alpha MT. This ELISA kit for research use only, not for therapeutic or test applications!
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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/human-elisa-kits/17-alpha-methyltestosterone-17-alphamt/247122>