

General Cotinine ELISA Kit | Cotinine elisa kit

Cotinine ELISA Kit

CATALOG #
AAA165920

REACTIVITY
General

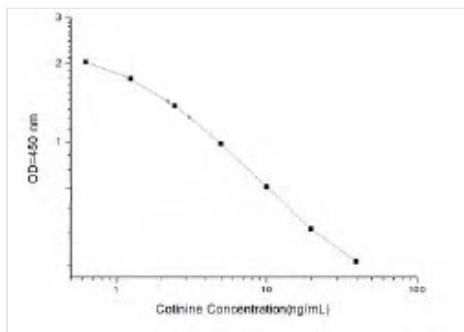
PRODUCT SYNONYMS

Cotinine; Cotinine ELISA Kit; Cotinine elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes natural and some recombinant Cotinine. No significant cross-reactivity or interference between Cotinine and analogues was observed.
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	0.625-40ng/mL
Sensitivity	Min: 0.375ng/mL; Max: 40ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cotinine elisa kit

Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Cotinine concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Cotinine. During the reaction, Cotinine in the sample or standard competes with a fixed amount of Cotinine on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Cotinine. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the Substrate Reagent is added to each well. The enzyme-substrate reaction is terminated by adding Stop Solution and the color change can be measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Cotinine in samples can be calculated by comparing the OD of the samples with the standard curve.

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/general-elisa-kits/cotinine/165920>