

General Tacrolimus ELISA Kit | FK506 elisa kit

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CATALOG #
AAA310097

REACTIVITY
General

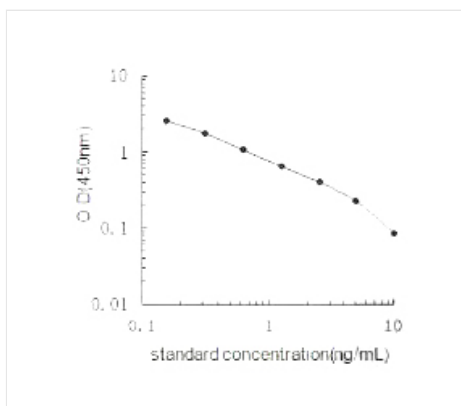
PRODUCT SYNONYMS

Tacrolimus; General Tacrolimus ELISA Kit; FK506; fujimycin; FK506 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay recognizes recombinant and natural GeneralTacrolimus. No significant crossreactivity or interference was observed.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and otherbiological fluids
Detection Range	0.156-10.0ng/ml
Sensitivity	< 0.069ng/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FK506 elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzymeimmunoassaytechnique. The microtiter plate provided in this kithas been pre-coated with an antibody specific toTacrolimus, During the reaction,Tacrolimusin the sample or standardcompetes with a fixed amount of biotin-labeledTacrolimus forsites on a pre-coated Monoclonal antibody specific to Tacrolimus.Excess conjugate and unbound sample or standard are washedfrom the plate. Next, Avidin conjugated to HorseradishPeroxidase (HRP) is added to each microplate well and incubated.Then a TMB substrate solution is added to each well. Theenzyme-substrate reaction is terminated by the addition of asulphuric acid solution and the color change is measuredspectrophotometrically at a wavelength of 450 nm ± 2 nm. Theconcentration of Tacrolimus in the samples is then determined bycomparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitativedetermination of general tacrolimus concentrations in serum, plasma, tissue homogenates, cell culture supernates, and otherbiological fluids.
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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/fk506-general-elisa-kits/tacrolimus/310097>