General FK506/Tacrolimus ELISA Kit

E45K00756

Catalog Number:E45K00756

Species Reactivity: General

Storage: Store at +4°C. Please refer to protocols.

Cite ID#:EN5521206

Type: General ELISA Kits

Description: General FK506/Tacrolimus ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of FK506 in biological samples. Our rigorously validated, ready-to-go General FK506/Tacrolimus ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect FK506 in your samples. Appropriate sample types may include Cell Culture Supernates, Serum, Platelet-poor EDTA Plasma, Platelet-poor Heparin Plasma, Urine. Precision Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested several times on one plate to assess intra-assay precision. Inter-Assay Precision (Precision between assays): Three samples of known concentration were tested in several separate assays to assess inter-assay precision. Assays were performed by at least two technicians using two lots of components.

Assay type: Competitive

Detection principle: Spectrophotometrical

Sample type: This immunoassay kit allows for the in vitro quantitative determination in Serum, plasma, tissue homogenates, cell culture supernates and other biological fluids.

Sensitivity:0.069 ng/ml

Assay range:0.156-10 ng/ml

Kit components: Assay Plate, Standard, Sample Diluent, Assay Diluent A&B, Detection Reagent A&B, Wash Buffer, Substrate, Stop Solution.

Other reagents required: Deionized or distilled water

Gene Name:FK506

Function: Tacrolimus (also FK-506 or fujimycin, trade names Prograf, Advagraf, Protopic) is an immunosuppressive drug that is mainly used after allogeneic organ transplant to reduce the activity of the patient's immune system and so lower the risk of organ rejection. It is also used in a topical preparation in the treatment of atopic dermatitis (eczema), severe

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refractory uveitis after bone marrow transplants, exacerbations of minimal change disease, and the skin condition vitiligo.

Form:ELISA Kits

Synonyms:fujimycin