

Human CFTR (Cystic Fibrosis Transmembrane Conductance Regulator) ELISA Kit | CFTR elisa kit

Human CFTR (Cystic Fibrosis Transmembrane Conductance Regulator) ELISA Kit

CATALOG #
AAA271345

REACTIVITY
Human

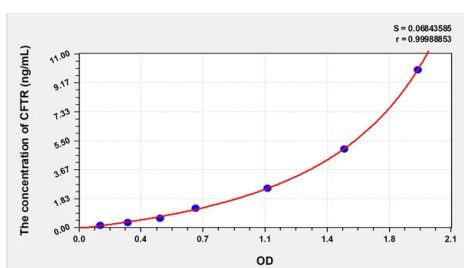
PRODUCT SYNONYMS

CFTR (Cystic Fibrosis Transmembrane Conductance Regulator); Human CFTR (Cystic Fibrosis Transmembrane Conductance Regulator) ELISA Kit; ABC35; ABCC7; CF; CFTR/MRP; MRP7; TNR-CFTR; ATP-Binding Cassette Subfamily C; Member 7; Channel conductance-controlling ATPase; cAMP-dependent chloride channel; CFTR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	tissue homogenates, cell lysates and other biological fluids
Assay Type	Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.059 ng/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFTR elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cystic Fibrosis Transmembrane Conductance Regulator(CFTR). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cystic Fibrosis Transmembrane Conductance Regulator(CFTR). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Cystic Fibrosis Transmembrane Conductance Regulator(CFTR), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Cystic Fibrosis Transmembrane Conductance Regulator(CFTR) in the samples is then determined by comparing the OD of the samples to 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cftr-cystic-fibrosis-transmembrane-conductance-regulator/271345>