Product datasheet

Human Chromogranin A ELISA Kit

Catalog # EK00844E

Overview

Product name	Human Chromogranin A (CHGA) ELISA Kit
Size	96 wells
Species Reactivity	Human
Assay Type	Sandwich
Sample Type	Serum, Plasma, Other human body fluids & secretions
Assay Range	20ng/mL g/L – 480ng/mL
Kit Components	Assay Plate, Standard, Standard diluent, Sample diluent, Enzyme conjugate, Detection reagent A & B, Wash buffer, Stop solution, Protocol, Quality control certificate
Storage	Store at 2-8 °C
Product Note	This ELISA Kit uses the double-antigen sandwich method to determine the level of human chromogranin A (CHGA)in the specimen. The ELISA analytical biochemical technique of the kit is based on CHGA antigen-CHGA antibody interactions (immunosorbency) and an HRP colorimetric detection system to detect CHGA targets in samples. CHGA are added to the antibody-coated microwells, and then combine with the HRP-labeled antigen to form an antibody-antigen-Enzyme-labeled antibody complex, after thorough washing, add substrate TMB to develop color. TMB is converted into blue under the catalysis of HRP enzyme, and into the final yellow under the action of acid. The color intensity is positively correlated with CHGA in the sample. Absorbance (OD value) is measured at a wavelength of 450nm with a microplate reader, and the concentration of human CHGA in the sample can be calculated from the standard curve.

Typical Data

Results of a typical standard curve are provided **with the product** for **demonstration only** and should not be used to obtain test results.

A standard curve must be run for each set of samples assayed.

IMPORTANCE

After receiving the kit, please check the intactness of outer packaging, check whether the reagent bottles are broken, leaking or the amount of liquid is significantly reduced, etc. If the diluent is polluted such as flocculent bacterial colonies; the substrate is not transparent and the microtiter plate is leaking, etc; please contact the distributor. In rare cases, crystals may appear in the substrate. Normally the crystals will dissolve at room temperature, this will not affect the testing results.