CREATIVE BIOMART®
Assay Kit

Zinc Quantification Kit

Product Information

Cat.No. Kit-0852

Product Overview

Zinc Quantification Kit is a convenient colorimetric assay in which Zinc binds to a ligand with development of absorbance at 560 nm. The assay can be used with biological samples such as serum, plasma, csf or urine with detection sensitivity 0.2 µg/ml (~1-3 µM).

Size

100 tests

Description

Zinc, a metallic chemical element, symbol Zn and atomic number 30 is chemically similar to Magnesium due to its similar size and sole oxidation state of 2+. Zinc is an essential mineral of great biological significance, because many enzymes require it as an essential cofactor. Examples of zincs biological roles include signal transduction, gene expression, regulation of apoptosis, synaptic plasticity and prostate gland function.

Applications

Functional Studies more details

Storage

Store at +4°C.

Kit Components

Components: Identifier; TCA: Clear; Zinc Reagent 1: WM; Zinc Reagent 2: Amber; Zinc Standard: Yellow

Detection method Colorimetric

Compatible Sample Types

Urine, Serum, Plasma, Other biological fluids, Tissue Extracts, Cell Lysate, Cell culture media

Assay time

Tel: 1-631-559-9269 1-516-512-3133
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0h 15m
Sensitivity
>1 μM

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