

Rat C-telopeptide of type II collagen (CTX-II) ELISA Kit

Catalog No: #EK11052

Orders: order@signalwayantibody.com

Package Size: #EK11052-1 48T #EK11052-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Rat C-telopeptide of type II collagen (CTX-II) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Rat (<i>Rattus norvegicus</i>)

Application Details

Detect Range: 15.6-1000 pg/mL

Sensitivity: 7 pg/mL

Sample Type: Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time: 1-4.5h

Detection wavelength: 450 nm

Product Description

Detection Method: Sandwich Test principle: This assay employs a two-site sandwich ELISA to quantitate CTX-II in samples. An antibody specific for CTX-II has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CTX-II present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CTX-II is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CTX-II bound in the initial step. The color development is stopped and the intensity of the color is measured.

Note: This product is for in vitro research use only