Web: www.taiclone.com
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Human KRT1 (Keratin 1) ELISA Kit

Catalog No: tcee2333

Available Sizes

Size: 96T

Specifications

Research Area:
Signal transduction, Cancer

Species Reactivity:
Human

Sample Type:
Serum, plasma and other biological fluids

Assay Type:
Sandwich

Sensitivity:
0.19ng/mL

Detection Range:
0.31~20ng/mL

Assay Time:
3.5h

Detection Method:
Sandwich-Ab,Colorimetric

Tested Application:
ELISA

Storage Instruction:
An unopened kit can be stored at 4℃ for 1 month. If the kit is not used within 1 month, store the items separately according to the detailed information on the manual once the kit is received

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Alternative Names:
KRT1, CK1, EHK, EHK1, EPPK, K1, KRT1A, NEPPK, KRTA, keratin 1, Type-II keratin Kb1

Notes

This kit recognizes Human KRT1 in samples. No significant cross-reactivity or interference between Human KRT1 and analogues was observed.

Product Description

This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human KRT1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human KRT1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human KRT1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human KRT1. You can calculate the concentration of Human KRT1 in the samples by comparing the OD of the samples to the standard curve.