

Anti-Burosumab ELISA Kit

Summary

Catalog No.	KAJ53401
Applications	Used for the quantitative determination of Anti-Burosumab concentration in serum and plasma.
Stability and Storage	When the kit was stored at the recommended temperature for 6 months, the signal intensity decreased by less than 20%.
Sample type	Plasma, Serum
Sensitivity	11.24 ng/mL
Range	15.63 - 1,000 ng/mL

Description

PRINCIPLE OF THE ASSAY This assay employs the quantitative sandwich enzyme immunoassay technique. Burosumab has been pre-coated onto a microplate. Samples or standards are pipetted into microwells and Anti-Burosumab will be captured by immobilized Burosumab. After washing away any unbound substances, a biotin-labeled Burosumab is added to the wells. After washing away any unbound substances, Streptavidin-HRP is added to the wells. Following a wash to remove any unbound enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Anti-Burosumab bound in the initial step. The color development is stopped and the intensity of the color is measured.

Precision



Intra-Assay Precision (Precision within an assay): <10%

Three samples of known concentration were tested sixteen times on one plate to assess intra-assay precision.

Inter-Assay Precision (Precision between assays): <15%

Three samples of known concentration were tested in twenty four separate assays to assess inter-assay precision.

Data Image

