

Human GLP-2 ELISA Kit

Summary

Catalog No.	KHB93502
Applications	Used for the quantitative determination of Human GLP-2 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%.
Sensitivity	93.35 ng/mL
Range	156.25 - 10,000 ng/mL

Description

PRINCIPLE OF THE ASSAY This assay employs the quantitative competitive enzyme immunoassay technique. An antibody specific for Human GLP-2 has been pre-coated onto a microplate. Standards or samples are premixed with biotin-labeled Human GLP-2 and then pipetted into the wells. Human GLP-2 in the sample competitively binds to the pre-coated antibody with biotin-labeled Human GLP-2. 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 inversely proportion to the amount of Human GLP-2 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): <20%

Recombinant Proteins & Antibodies

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

Inter-Assay Precision (Precision between assays): <20%

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

Data Image
