

Benzonase ELISA Kit

Summary

Catalog No.	KGX06401
Applications	Used for the quantitative determination of Benzonase concentration in biological products.
Stability and Storage	When the kit was stored at the recommended temperature for 6 months, the signal intensity decreased by less than 20%.
Sensitivity	0.29 ng/mL
Range	0.31 - 20 ng/mL

Description

PRINCIPLE OF THE ASSAY This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for Benzonase has been pre-coated onto a microplate. Standards or samples are pipetted into the wells and any Benzonase present is bound by the immobilized antibody. After washing away any unbound substances, a biotin-labeled antibody specific for Benzonase 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 Benzonase 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%

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): <15%

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

Data Image
