

Anti-Benzonase Antibody (hIgM) ELISA Kit

Summary

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| Catalog No. | KAX06403 |
| Stability and Storage | When the kit was stored at the recommended temperature for 6 months, the signal intensity decreased by less than 20%. |
| Sensitivity | 0.97 ng/mL |
| Range | 1.56 - 100 ng/mL |

Description

PRINCIPLE OF THE ASSAY This assay employs the quantitative indirect enzyme immunoassay technique. Benzonase has been pre-coated onto a microplate. Standards or samples are pipetted into the wells and any Anti-Benzonase Antibody (hIgM) present is bound by the immobilized protein. After washing away any unbound substances, a biotin-labeled Mouse Anti-Human IgM antibody 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-Benzonase Antibody (hIgM) 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
