

# Anti-Benzonase Antibody (hIgG) ELISA Kit

## Summary

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<b>Catalog No.</b>	KAX06402
<b>Applications</b>	Used for the quantitative determination of Anti-Benzonase Antibody (hIgG) concentration in serum and plasma.
<b>Stability and Storage</b>	When the kit was stored at the recommended temperature for 6 months, the signal intensity decreased by less than 20%.
<b>Sensitivity</b>	0.28 ng/mL
<b>Range</b>	0.31 - 20 ng/mL

## Description

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**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 (hIgG) present is bound by the immobilized protein. After washing away any unbound substances, a biotin-labeled Mouse Anti-Human IgG 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 (hIgG) bound in the initial step. The color development is stopped and the intensity of the color is measured.

## Precision

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

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## 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

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