

Datasheet for ABIN5026957

**Bcl-2 ELISA Kit**[Go to Product page](#)**1** Image

## Overview

Quantity:	96 tests
Target:	Bcl-2 (BCL2)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.156-10 ng/mL
Minimum Detection Limit:	0.156 ng/mL
Application:	ELISA

## Product Details

Purpose:	This immunoassay kit allows for the in vitro quantitative determination of Human Bcl-2 concentrations in serum, plasma and other biological fluids.
Sample Type:	Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	< 0.094 ng/mL
Components:	plate, standard, diluent, antibodies
Material not included:	pipettes, tubes, reader, incubator

## Target Details

Target:	Bcl-2 (BCL2)
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## Target Details

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Alternative Name: Bcl -2 (B cell Lymphoma 2) ([BCL2 Products](#))

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Pathways: [MAPK Signaling](#), [PI3K-Akt Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Regulation of Muscle Cell Differentiation](#), [Cell-Cell Junction Organization](#), [Skeletal Muscle Fiber Development](#), [Autophagy](#), [Smooth Muscle Cell Migration](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

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## Application Details

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Sample Volume: 100  $\mu$ L

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Assay Time: 3 - 4 h

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Plate: Pre-coated

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Protocol: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human Bcl-2 antibody was pre-coated into 96-well plates. Biotin conjugated anti-human Bcl-2 detection antibody was used. Standards, test samples and biotin conjugated detection antibody were added to the wells subsequently. Wash buffer was used to wash any non-specific binding. HRP conjugated Streptavidin was used as secondary antibody. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human Bcl-2 amount of samples captured in the plate. Optical Density (O.D) can be read at absorbance 450nm in a microplate reader. Concentration of Human Bcl-2 can be calculated using the standard curve.

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Restrictions: For Research Use only

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## Handling

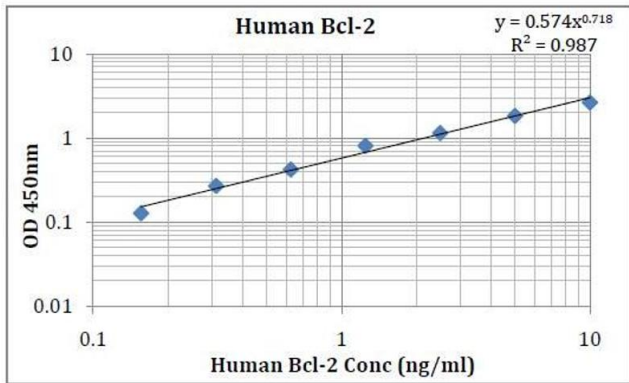
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Precaution of Use: protect your eyes

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Storage: 4 °C

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ELISA

Image 1.