

Datasheet for ABIN4986954

**IL-32 alpha ELISA Kit****1** Image[Go to Product page](#)

## Overview

Quantity:	96 tests
Target:	IL-32 alpha (IL32A)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	15.625-1000 pg/mL
Minimum Detection Limit:	15.625 pg/mL
Application:	ELISA

## Product Details

Sample Type:	Cell Culture Supernatant, Serum, Plasma (heparin), Plasma (citrate), Plasma (EDTA)
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Natural and recombinant Human IL-32a Ligand
Sensitivity:	7 pg/mL
Material not included:	<ul style="list-style-type: none"><li>• Microplate reader.</li><li>• Pipettes and pipette tips.</li><li>• EP tube Deionized or distilled water.</li></ul>

## Target Details

Target:	IL-32 alpha (IL32A)
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## Target Details

Alternative Name:	IL-32a ( <a href="#">IL32A Products</a> )
Background:	IL-32α is the shortest and most abundant of four potential splice variants of the proinflammatory cytokine IL-32 (previously called NK4) with a predicted unmodified size of 15 kDa. Potential modifications include myristoylation and N-glycosylation. The IL-32α shows increased potency at inducing CXCL2/MIP-2 and CXCL8 expression in PBMC relative to uncleaved IL-32α. Transfected IL-32α was more likely to be cell-associated as compared to IL-32β, suggesting an intracellular function. IL-32 is induced by mitogens in peripheral lymphocytes, by IFNγ in epithelial cells, or by IL-12 with IL-18 in NK cells and in turn induces cytokine expression.

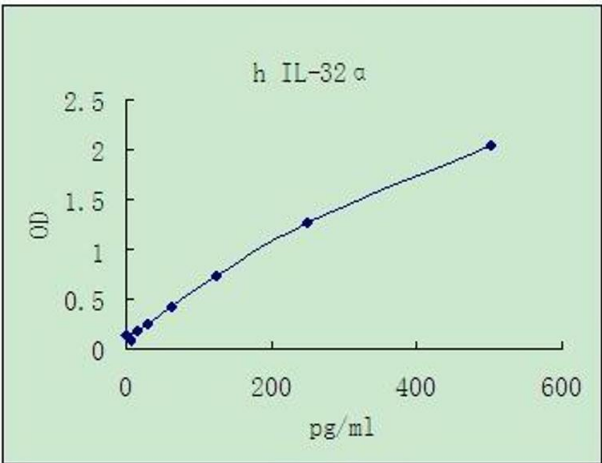
## Application Details

Application Notes:	Detection Wavelength: 450 nm
Sample Volume:	20 µL
Assay Time:	3 h
Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

Storage:	4 °C
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## Images



**ELISA**

**Image 1.**