

# CYCS (Human) Cell-Based ELISA Kit

Catalog # KA2728

Size 1 Kit

## Specification

<b>Product Description</b>	CYCS (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of CYCS expression in cultured cells.
<b>Suitable Sample</b>	Attached Cell, Loosely Attached Cell, Suspension Cell
<b>Label</b>	HRP-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Qualitative
<b>Reactivity</b>	Human, Mouse, Rat
<b>Regulation Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store the kit at 4°C.

## Applications

- Qualitative

## Gene Info — CYCS

<b>Entrez GeneID</b>	<a href="#">54205</a>
<b>Protein Accession#</b>	<a href="#">P99999</a>
<b>Gene Name</b>	CYCS
<b>Gene Alias</b>	CYC, HCS
<b>Gene Description</b>	cytochrome c, somatic

Omim ID [123970](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes cytochrome c, a component of the electron transport chain in mitochondria. The heme group of cytochrome c accepts electrons from the b-c1 complex and transfers electrons to the cytochrome oxidase complex. Cytochrome c is also involved in initiation of apoptosis. Upon release of cytochrome c to the cytoplasm, the protein binds apoptotic protease activating factor which activates the apoptotic initiator procaspase 9. Many cytochrome c pseudogenes exist, scattered throughout the human genome. [provided by RefSeq]

**Other Designations** cytochrome c

## Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Colorectal cancer](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

## Disease

- [Thrombocytopenia](#)