# UBA7 (Human) Cell-Based ELISA Kit

Catalog # KA3539 Size 1 Kit

## Specification

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| **Product Description** | UBA7 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of UBA7 expression in cultured cells. |
| **Suitable Sample** | Attached Cell, Loosely Attached Cell, Suspension Cell |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Qualitative |
| **Reactivity** | Human |
| **Regulation Status** | For research use only (RUO) |
| **Storage Instruction** | Store the kit at 4°C. |

## Applications

- Qualitative

## Gene Info — UBA7

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| **Entrez GeneID** | 7318 |
| **Gene Name** | UBA7 |
| **Gene Alias** | D8, MGC12713, UBA1B, UBE1L, UBE2 |
| **Gene Description** | ubiquitin-like modifier activating enzyme 7 |
| **Omim ID** | 191325 |

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| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme is a retinoid target that triggers promyelocytic leukemia (PML)/retinoic acid receptor alpha (RARalpha) degradation and apoptosis in acute promyelocytic leukemia, where it is involved in the conjugation of the ubiquitin-like interferon-stimulated gene 15 protein. [provided by RefSeq |
| **Other Designations** | UBA1, ubiquitin-activating enzyme E1 homolog B\|UBA7, ubiquitin-activating enzyme E1\|ubiquitin-activating enzyme E1-like\|ubiquitin-activating enzyme E1-related protein\|ubiquitin-activating enzyme-2 |

## Pathway

- Ubiquitin mediated proteolysis

## Disease

- Crohn Disease
- Genetic Predisposition to Disease

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