

CLOCK (Human) Cell-Based ELISA Kit

Catalog # KA6276

Size 1 Kit

Specification

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

Applications

- Qualitative

Gene Info — CLOCK

Entrez GeneID	9575
Protein Accession#	O15516
Gene Name	CLOCK
Gene Alias	KAT13D, KIAA0334, bHLHe8
Gene Description	clock homolog (mouse)

Omim ID	601851
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that belongs to the basic helix-loop-helix (bHLH) family of transcription factors. Polymorphisms within the encoded protein have been associated with circadian rhythm sleep disorders. A similar protein in mice is a circadian regulator that acts as a transcription factor and forms a heterodimer with aryl hydrocarbon receptor nuclear translocator-like to activate transcription of mouse period 1. [provided by RefSeq]
Other Designations	OTTHUMP00000128334 circadian locomotor output cycles kaput protein clock

Pathway

- [Circadian rhythm - mammal](#)

Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Arousal](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Body Weight](#)
- [Breast cancer](#)
- [Bulimia Nervosa](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Choice Behavior](#)
- [Chronobiology Disorders](#)
- [Cluster Headache](#)
- [Cocaine-Related Disorders](#)

- [Decision Making](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disorders of Excessive Somnolence](#)
- [Edema](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Fatty Liver](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Interview](#)
- [Metabolic Syndrome X](#)
- [Mood Disorders](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Overweight](#)
- [Paranoid Disorders](#)
- [Personality Assessment](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Seasonal Affective Disorder](#)

- [Sleep](#)
- [Sleep Disorders](#)
- [Sleep Initiation and Maintenance Disorders](#)
- [Thinness](#)
- [Time Perception](#)
- [Weight Gain](#)
- [Weight Loss](#)