# NR3C1 (Human) Cell-Based ELISA Kit

Catalog # KA2898 Size 1 Kit

## Specification

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|---|---|
| **Product Description** | NR3C1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative det ermination of NR3C1 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 |
| **Regulation Status** | For research use only (RUO) |
| **Storage Instruction** | Store the kit at 4°C. |

## Applications

- Qualitative

## Gene Info — NR3C1

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|---|---|
| **Entrez GeneID** | 2908 |
| **Protein Accession#** | P04150 |
| **Gene Name** | NR3C1 |
| **Gene Alias** | GCCR, GCR, GR, GRL |
| **Gene Description** | nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor) |

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| | |
|---|---|
| **Omim ID** | 138040 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene is a receptor for glucocorticoids that can act as both a transcription factor and as a regulator of other transcription factors. This protein can also be found in heteromeric cytoplasmic complexes along with heat shock factors and immunophilins. The protein is typically found in the cytoplasm until it binds a ligand, which induces transport into the nucleus. Mutations in this gene are a cause of glucocorticoid resistance, or cortisol, resistance. Alternate splicing, the use of at least three different promoters, and alternate translation initiation sites result in several transcript variants encoding the same protein or different isoforms, but the full-length nature of some variants has not been determined. [provided by RefSeq |
| **Other Designations** | nuclear receptor subfamily 3, group C, member 1 |

## Publication Reference

- Vitamin D increases glucocorticoid efficacy via inhibition of mTORC1 in experimental models of multiple sclerosis.

  Hoepner R, Bagnoud M, Pistor M, Salmen A, Briner M, Synn H, Schrewe L, Guse K, Ahmadi F, Demir S, Laverick L, Gresle M, Worley P, Reichardt HM, Butzkueven H, Gold R, Metz I, Lühder F, Chan A.

  Acta Neuropathologica 2019 Apr; [Epub].

  Application: Quant, Human, Human T cells

- Ursocholanic acid rescues mitochondrial function in common forms of familial Parkinson's disease.

  Mortiboys H, Aasly J, Bandmann O.

  Brain 2013 Oct; 136(Pt 10):3038.

  Application: ELISA, Human, Human fibrobloast

## Pathway

- Neuroactive ligand-receptor interaction

## Disease

- Abortion
- Addison Disease
- Adenoma

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- Adrenal Gland Neoplasms
- Adrenal hyperplasia
- Arthritis
- Asthma
- Atherosclerosis
- Bipolar Disorder
- Birth Weight
- Breast cancer
- Bronchiolitis
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Celiac Disease
- Cerebral Arterial Diseases
- Cerebral Infarction
- Chronic Disease
- Cleft Lip
- Cleft Palate
- Cognition
- Colitis
- Colorectal Neoplasms
- Combat Disorders
- Connective Tissue Diseases
- Coronary Artery Disease
- Coronary Disease
- Crohn Disease

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- Cushing Syndrome
- Cystic fibrosis
- Dementia
- Demyelinating Diseases
- Depressive Disorder
- Diabetes Mellitus
- Disease Models
- Disease Progression
- Disease Susceptibility
- Drug Toxicity
- Ductus Arteriosus
- Dyslipidemias
- Edema
- Fatigue
- Fatigue Syndrome
- Fetal Diseases
- Fractures
- Genetic Predisposition to Disease
- Glaucoma
- Glucose Intolerance
- Graves Ophthalmopathy
- Growth Disorders
- Guillain-Barre Syndrome
- HELLP Syndrome
- Hirsutism
- Hyperandrogenism

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- Hypercholesterolemia
- Hyperlipoproteinemia Type II
- Hypertension
- Infant
- Infection
- Infertility
- Inflammation
- Insulin Resistance
- Kidney Failure
- Leukemia
- Lung Diseases
- Lupus Erythematosus
- Lymphoma
- Memory
- Mental Disorders
- Mental Processes
- Metabolic Syndrome X
- Mood Disorders
- Multiple Organ Failure
- Multiple Sclerosis
- Musculoskeletal Diseases
- Myasthenia Gravis
- Myocardial Infarction
- Neoplasms
- Nephrotic Syndrome

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- Neuropsychological Tests
- Obesity
- Ocular Hypertension
- Osteonecrosis
- Osteoporosis
- Ovarian cancer
- Ovarian Failure
- Pain
- Pituitary Neoplasms
- Polycystic Ovary Syndrome
- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Proteinuria
- Pseudomonas Infections
- Psoriasis
- Psychiatric Status Rating Scales
- Psychophysiologic Disorders
- Psychotic Disorders
- Puberty
- Pulmonary Disease
- Reaction Time
- Recognition (Psychology)
- Recurrence
- Respiratory Distress Syndrome
- Respiratory Syncytial Virus Infections

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- Retinal Diseases
- Schizophrenia
- Sepsis
- Skin Diseases
- Skin Neoplasms
- Sleep Disorders
- Somatoform Disorders
- Stomach Neoplasms
- Stress
- Stress Disorders
- Thrombophilia
- Tobacco Use Disorder
- Ventricular Dysfunction
- Weight Gain
- Wounds and Injuries

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