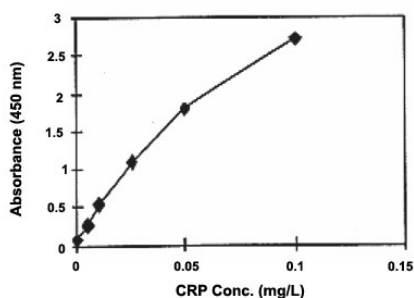


# CRP (Human) ELISA Kit

Catalog # KA0238      Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

|                            |                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | CRP (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of C-reactive protein. |
| <b>Suitable Sample</b>     | Serum                                                                                                          |
| <b>Sample Volume</b>       | 10 $\mu$ L                                                                                                     |
| <b>Label</b>               | HRP-conjugate                                                                                                  |
| <b>Detection Method</b>    | Colorimetric                                                                                                   |
| <b>Assay Type</b>          | Quantitative                                                                                                   |
| <b>Intra-Assay</b>         | 4.44%                                                                                                          |
| <b>Inter-Assay</b>         | 3.28%                                                                                                          |
| <b>Spiking Recovery</b>    | 100.40%                                                                                                        |
| <b>Calibration Range</b>   | 0.01 to 0.1 mg/L                                                                                               |
| <b>Reactivity</b>          | Human                                                                                                          |
| <b>Regulation Status</b>   | For research use only (RUO)                                                                                    |

**Quality Control Testing**

## Standard curve

The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

**Storage Instruction**

Store the kit at 4°C.

## Applications

- Quantification

## Gene Info — CRP

**Entrez GeneID**[1401](#)**Gene Name**

CRP

**Gene Alias**

MGC149895, MGC88244, PTX1

**Gene Description**

C-reactive protein, pentraxin-related

**Omim ID**[123260](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

O

**Other Designations**

OTTHUMP00000033307

## Publication Reference

- [Baseline levels of circulating galectin-1 associated with radiographic hand but not radiographic knee osteoarthritis at a two-year follow-up.](#)

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Application: Quant, Human, Serum

- [Associations between metabolic factors and radiographic knee osteoarthritis in early disease - a cross-sectional study of individuals with knee pain.](#)

Maria Andersson, E Haglund, K Aili, A Bremander, S Bergman.

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Application: Quant, Human, Human blood

- [Cohort profile: the Halland osteoarthritis \(HALLOA\) cohort-from knee pain to osteoarthritis: a longitudinal observational study in Sweden.](#)

Maria L E Andersson, Emma Haglund, Katarina Aili, Ann Bremander, S Bergman.

BMJ Open 2022 Jul; 12(7):e057086.

Application: Quant, Human, Human blood

- [A high fat-high sucrose diet enriched in blue mussels protects against systemic inflammation, metabolic dysregulation and weight gain in C57BL/6 mice.](#)

Vaidya HB, Gangadaran S, Cheema SK.

Food Research International 2017 Aug; 100(Pt 2):78.

Application: Quant, Mouse, Mouse plasma

- [A high fat diet enriched with sea cucumber gut powder provides cardio-protective and anti-obesity effects in C57BL/6 mice.](#)

Gangadaran S, Cheema SK.

Food Research International 2017 Sep; 99(Pt 1):799.

Application: Quant, Mouse, Mouse plasma

- [Subclinical Atherosclerosis among HIV-Infected Adults Attending HIV/AIDS Care at Two Large Ambulatory HIV Clinics in Uganda.](#)

Ssinabulya I, Kayima J, Longenecker C, Luwedde M, Semitala F, Kambugu A, Ameda F, Bugeza S, McComsey G, Freers J, Nakanjako D.

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Application: ELISA, Human, Serum

- [Effect of acute moderate exercise on induced inflammation and arterial function in older adults.](#)

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Application: ELISA, Human, Serum

- [Ultrasensitive amperometric magnetoimmunosensor for human C-reactive protein quantification in serum.](#)

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Application: Quant, Human, Human serum

- [Factors associated with asthma among under-fives in Mulago hospital, Kampala Uganda: a cross sectional study.](#)

Nantanda R, Ostergaard MS, Ndeezi G, Tumwine JK.

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Application: ELISA, Human, Serum

- [The expression levels of plasma micoRNAs in atrial fibrillation patients.](#)

Liu Z, Zhou C, Liu Y, Wang S, Ye P, Miao X, Xia J.

PLoS One 2012 Sep; 7(9):e44906.

Application: Quant, Human, plasma from atrial fibrillation patients

- [Personal omics profiling reveals dynamic molecular and medical phenotypes.](#)

Chen R, Mias GI, Li-Pook-Than J, Jiang L, Lam HY, Chen R, Miriami E, Karczewski KJ, Hariharan M, Dewey FE, Cheng Y, Clark MJ, Im H, Habegger L, Balasubramanian S, O'Huallachain M, Dudley JT, Hillenmeyer S, Haraksingh R, Sharon D, Euskirchen G, Lacroute P, Bettinger K, Boyle AP, Kasowski M, Grubert F, Seki S, Garcia M, Whirl-Carrillo M, Gallardo M, Blasco MA, Greenberg PL, Snyder P, Klein TE, Altman RB, Butte AJ, Ashley EA, Gerstein M, Nadeau KC, Tang H, Snyder M.

Cell 2012 Mar; 148(6):1293.

Application: Quant, Human, Human blood

## Disease

- [Acute Disease](#)
- [Acute-Phase Reaction](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Albuminuria](#)
- [Alzheimer disease](#)
- [Angina](#)
- [Aortic Aneurysm](#)
- [Arteriosclerosis](#)
- [Arthritis](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Autoimmune Diseases](#)
- [Bacteremia](#)
- [Birth Weight](#)
- [Body Weight](#)

- [Bone Neoplasms](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cadaver](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Choroidal Neovascularization](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colon cancer](#)
- [Colorectal Neoplasms](#)
- [Community-Acquired Infections](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)

- [Coronary Stenosis](#)
- [Coronary Thrombosis](#)
- [Crohn Disease](#)
- [Delayed Graft Function](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Escherichia coli Infections](#)
- [Esophageal Neoplasms](#)
- [Extraversion \(Psychology\)](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Giant Cell Arteritis](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Heart Diseases](#)
- [Hypercholesterolemia](#)
- [Hyperglycemia](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Infection](#)
- [Inflammation](#)
- [Insulin Resistance](#)

- [Intestinal Polyps](#)
- [Intracranial Arteriosclerosis](#)
- [Ischemic Attack](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Leukocytosis](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lymphatic Metastasis](#)
- [Macular Degeneration](#)
- [Malaria](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Musculoskeletal Diseases](#)
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- [Myocardial Ischemia](#)
- [Neoplasm Invasiveness](#)
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- [Neuropsychological Tests](#)
- [Neurotic Disorders](#)
- [Obesity](#)
- [Osteoarthritis](#)

- [Osteoporosis](#)
- [Parasitemia](#)
- [Paratyphoid Fever](#)
- [Periodontitis](#)
- [Personality Tests](#)
- [Pneumococcal Infections](#)
- [Pneumonia](#)
- [Polymyalgia Rheumatica](#)
- [Postoperative Complications](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Pulmonary Disease](#)
- [Pulmonary Embolism](#)
- [Recurrence](#)
- [Skin Diseases](#)
- [Sleep Apnea](#)
- [Staphylococcal Infections](#)
- [Streptococcal Infections](#)
- [Stroke](#)
- [Thoracic Neoplasms](#)
- [Thromboembolism](#)
- [Typhoid Fever](#)

- [Urinary Bladder Neoplasms](#)
- [Vasculitis](#)
- [Venous Thrombosis](#)
- [Weight Loss](#)
- [Werner syndrome](#)