

## Chicken Colony Stimulating Factor 1 (CSF1) ELISA Kit-Sandwich

**Cat. No.:** EK9F341

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Chicken CSF1 ELISA Kit-Sandwich is designed for the quantitative determination of Chicken colony stimulating factor 1 (CSF1) in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids using a Sandwich ELISA method. For research use only.

### Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Chicken CSF1. No cross-reactivity with other relevant proteins.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	62.5-4000 pg/mL
Sensitivity	12.5 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 180 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

### Target Information

CSF1, also known as M-CSF, is encoded by the *CSF1* gene. Uterine CSF1 concentrations are regulated by the synergistic action of estradiol and progesterone. Research showed that chicken bone marrow derived macrophages (BMDM) express CSF1 on their surface, and that the level appears to be regulated further by exogenous CSF1.

Target/Biomarker	Chicken CSF1
Target Synonym	colony stimulating factor 1; macrophage colony-stimulating factor 1
Gene ID	<a href="#">100499189</a>
UniProt ID	<a href="#">D8UWE0</a>

## Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

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## Reference

1. Wu, Z. *et al.* Regulation and function of macrophage colony-stimulating factor (CSF1) in the chicken immune system. *Developmental and comparative immunology*. 2020, 105: 103586.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.