

SA026**Bovine GM-CSF - Supernatant****Alternate names:**

CSF2, Colony stimulating factor 2, GMCSF, Granulocyte-macrophage colony-stimulating factor, Molgramostin, Sargramostim

Quantity:

1 ml

Background:

This protein may be used as a standard in ELISA assays to determine bovine GM-CSF levels. This product demonstrates functional activity in activation assays utilising bovine B lymphocytes, although a formal ED50 value has not been determined. This preparation of bovine GM-CSF has been shown to have biological activity in proliferation assays utilising TF-1 cells. The specific concentration of GM-CSF has not been assayed. In functional assays a working range from 1/2 to 1/10 is suggested.

Uniprot ID:

[P11052](#)

NCBI:

[NP_776452.1](#)

GeneID:

[281095](#)

Species:

Bovine

Source:

COS-7, Bovine

Format:

State: Lyophilised

Buffer System: Contains 1% Bovine Serum Albumin.

The addition of 0.09% w/v sodium azide is recommended for long term storage at 4°C.

Reconstitution: Restore with 1 ml distilled water

Applications:

Functional assays: 1/2 - 1/10.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description:

Tissue Culture Supernatant from COS-7 cells expressing recombinant bovine GM-CSF

Storage:

Prior to reconstitution store at 2-8°C.

Following reconstitution store the protein undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.