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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:	<u>P11052</u>
NCBI:	<u>NP_776452.1</u>
GenelD:	<u>281095</u>
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 4oC. 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.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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