

Cytokines

IFN- γ , TNF- α ,
TGF- β 1, GM-CSF,
M-CSF, etc

Growth Factors

EGF, FGF-basic,
PDGF-BB, etc

Chemokines

MCP-1, RANTES,
MIP-1 β , etc

Interleukins

IL-2, IL-3,
IL-4, etc.



Why Scientists are switching to Shenandoah...

Price: **10%-50% Savings** over other suppliers.
SUPER competitive pricing on **bulk orders**.

Quality: Established **Acceptance Criteria** for biological assays, purity, and endotoxin. Specific **ED50s** and specific activities are clearly listed on COAs for biological assays.
NEW! We now offer a **COA Library** for customers to look up specific lots before buying!

Choice: **5 Sizes** of each protein **PLUS** an **Animal-Free** / Human-Free product line.

Service: **Amazing customer service** giving personal attention to every order
Woman-owned small business
Overnight **priority shipping** is standard

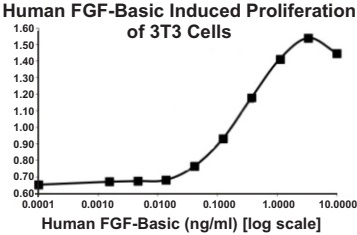
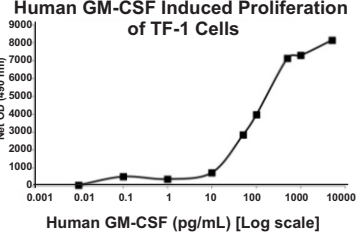
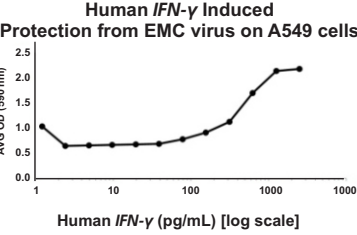
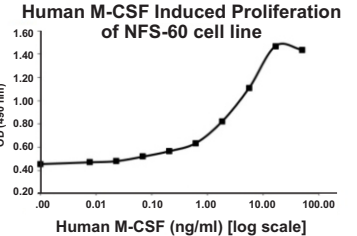
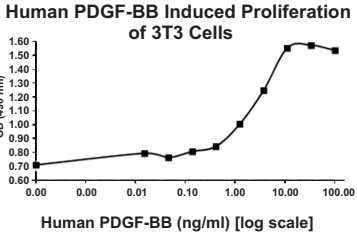
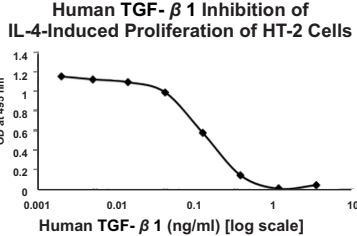
It's Time to Make the Switch...

TRY OUR MINI SIZE TODAY!

Contact your VWR representative to get started.



Shenandoah's Most Popular Cytokines

Product	Bioassay Data	Size / VWR No.	Research Topics	Related Diseases
FGF-basic	 <p>Human FGF-Basic Induced Proliferation of 3T3 Cells</p>	Human (also available in mouse and rat)	Stem cell culture, Developmental Biology, Neuroscience	Cancer, Wound healing
		10ug / 100-146-10 50ug / 100-146-50 100ug / 100-146-100 500ug / 100-146-500 1mg / 100-146-1		
GM-CSF	 <p>Human GM-CSF Induced Proliferation of TF-1 Cells</p>	Human (also available in mouse and rat)	Immunology, Innate Immunity	Rheumatoid Arthritis, Multiple Sclerosis, Crohn's Disease
		5ug / 100-08-5 20ug / 100-08-20 100ug / 100-08-100 500ug / 100-08-500 1mg / 100-08-1		
IFN- γ	 <p>Human IFN-γ Induced Protection from EMC virus on A549 cells</p>	Human (also available in mouse and rat)	Virology, Immunology, Autoimmunity, Infectious Disease, Cell Biology	Vaccine Development, Viral/Bacterial/Fungal infections, Cancer (anti-tumor)
		100-77-20ug 50ug / 100-77-50 250ug / 100-77-250 500ug / 100-77-500 1mg / 100-77-1		
M-CSF	 <p>Human M-CSF Induced Proliferation of NFS-60 cell line</p>	Human (also available in mouse and rat)	Immunology, Osteogenesis	Atherosclerosis, Osteoporosis
		100-03-2ug 10ug / 100-03-10 100ug / 100-03-100 500ug / 100-03-500 1mg / 100-03-1		
PDGF-BB	 <p>Human PDGF-BB Induced Proliferation of 3T3 Cells</p>	Human (also available in mouse and rat)	Cell Biology, Angiogenesis	Cancer, Wound healing, Atherosclerosis, Fibrosis
		2ug / 100-18-2 10ug / 100-18-10 100ug / 100-18-100 500ug / 100-18-500 1mg / 100-18-1		
TGF- β 1	 <p>Human TGF-β 1 Inhibition of IL-4-Induced Proliferation of HT-2 Cells</p>	Human (also available in mouse and rat)	Cell Biology, Angiogenesis	Cancer, Wound healing, Rheumatoid Arthritis, Diabetes
		5ug / 100-39-5 20ug / 100-39-20 100ug / 100-39-100 500ug / 100-39-500 1mg / 100-39-1		



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