



Recombinant *Bacillus anthracis* Lethal Factor (DAGB170)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	B. anthracis
Purity	>90%
Conjugate	Unconjugated
Applications	Cyt
Molecular Weight	90kDa
Reconstitution	<p>Anthrax toxin proteins, when reconstituted with water, may be stored at 2-8°C and used successfully within a few hours. However, over longer periods of time, there will be a decline in the enzymatic activity of LF in vitro and the activity of the protective antigen(PA)+LF complex in living cells. If it is necessary to store this material, reconstitute at a concentration of 1mg/ml. Reconstitution with 1mg/ml BSA will enhance stability and recovery.</p> <p>It is further recommended that the solution be aliquoted and frozen at either -20°C or -80°C. Avoid repeated freeze-thaw cycles. After the protein has been reconstituted as described above, cold glycerol may be added to 50% if a liquid is desired at freezer temperatures.</p> <p>Storage of material reconstituted with 1mg/ml BSA at 2-8°C for a period for two weeks may be acceptable for some applications.</p>
Endotoxin	The endotoxin content, determined using a kinetic chromogenic LAL assay, is <5 EU/ug.
Format	Lyophilized powder, sealed under vacuum
Size	1 mg
Preservative	None
Storage	Store at 2-8°C prior to reconstitution.