



# Recombinant *Bacillus anthracis* Lethal Factor (DAGB170)

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

## PRODUCT INFORMATION

<b>Species</b>	B. anthracis
<b>Purity</b>	>90%
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Cyt
<b>Molecular Weight</b>	90kDa
<b>Reconstitution</b>	<p>Anthrax toxin proteins, when reconstituted with water, may be store 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. 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>
<b>Endotoxin</b>	The endotoxin content, determined using a kinetic chromogenic LAL assay, is <5 EU/ug.
<b>Format</b>	Lyophilized power, sealed under vacuum
<b>Size</b>	1 mg
<b>Preservative</b>	None
<b>Storage</b>	Store at 2-8°C prior to reconstitution.