



## Purified Cardiolipin (DAG-WT3257)

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

### PRODUCT INFORMATION

<b>Species</b>	Bovine
<b>Purity</b>	> 97%
<b>Conjugate</b>	N/A
<b>Applications</b>	Standard
<b>Format</b>	Lyophilized
<b>Size</b>	10 mg
<b>Storage</b>	Store at -20°C

### BACKGROUND

<b>Introduction</b>	Cardiolipin (CL) is a unique phospholipid which is localized and synthesized in the inner mitochondrial membrane (IMM). It can also be found in the membranes of most bacteria. The name "cardiolipin" is derived from the fact that it was first found in animal hearts. It was first isolated from beef heart in the early 1940s. In mammalian cells, but also in plant cells, cardiolipin is found almost exclusively in the inner mitochondrial membrane, where it is essential for the optimal function of numerous enzymes that are involved in mitochondrial energy metabolism.
<b>Keywords</b>	Cardiolipin; CL