



Glibenclamide [OVA] (DAG5648)

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

PRODUCT INFORMATION

Antigen Description

Glyburide, also known as glyburide, is a sulfonamide urea derivative with antihyperglycemic activity that can potentially be used to decrease cerebral edema. Glyburide works effectively through bind to and block the sulfonylurea receptor type 1 (SUR1) subunit of the ATP-sensitive inwardly-rectifying potassium (K(ATP)) channels on the membranes of pancreatic beta cells. This prevents the inward current flow of positively charged potassium (K⁺) ions into the cell, and induces a calcium ion (Ca²⁺) influx through voltage-sensitive calcium channels, which triggers exocytosis of insulin-containing granules.

Species	N/A
Conjugate	OVA
Applications	The antigen can be used in ELISA assay.
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	0.01M pH7.4 PBS
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.