



Carboxy Methyl Lysine [KLH] (DAGA-234K)

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

PRODUCT INFORMATION

Antigen Description N epsilon carboxymethyl lysine (CML or Carboxymethyl Lysine) is formed by the non enzymatic Schiff base reaction of glucose with proteins, followed by an Amadori rearrangement and oxidation that leaves only a carboxymethyl group attached to the lysine. The levels of CML adducts accumulate over time and have been used as an indicator of both serum glucose levels and oxidative protein damage. Elevated serum CML modified proteins have been associated with diabetes and may contribute to diabetic retinopathy, nephropathy and angiopathy.

Conjugate	KLH
Applications	Immunogen
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	0.01M pH7.4 PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Keywords CML; N Epsilon (Carboxymethyl) Lysine; Carboxy Methyl Lysine