



Recombinant procalcitonin antigen (aa 116,>95%) (DAGA-946)

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

PRODUCT INFORMATION

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| Antigen Description | Procalcitonin (PCT) is a peptide precursor of the hormone calcitonin, the latter being involved with calcium homeostasis. It was first identified by Leonard J. Deftos and Bernard A. Roos in the 1970s. It is composed of 116 amino acids and is produced by parafollicular cells (C cells) of the thyroid and by the neuroendocrine cells of the lung and the intestine. |
| Purity | >95% by sandwich immunoassay |
| Conjugate | TBD |
| Applications | Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. |
| Format | Lyophilized |
| Concentration | Batch dependent - please inquire should you have specific requirements |
| Size | 1 mg |
| Buffer | 20 mM Tris-HCl, 150 mM Sodium Chloride, pH 8.0 prior to lyophilization. |
| Preservative | None |
| Storage | Store at -20°C in lyophilized form. After reconstitution, store aliquotted at -20°C. Avoid multiple freeze/thaw cycles. |

BACKGROUND

Keywords

Procalcitonin;PCT;PCT antigen;PCT protein
