



## Rat CALCA peptide (DAG164)

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

### PRODUCT INFORMATION

|              |                                   |
|--------------|-----------------------------------|
| Species      | Rat                               |
| Conjugate    | Unconjugated                      |
| Applications | ELISA                             |
| Preservative | None                              |
| Storage      | 2-8°C short term, -20°C long term |

### BACKGROUND

|              |  |
|--------------|--|
| Introduction | Calcitonin is a 32-amino acid linear polypeptide hormone that is produced in humans primarily by the parafollicular cells (also known as C-cells) of the thyroid, and in many other animals in the ultimobranchial body. It acts to reduce blood calcium ( $\text{Ca}^{2+}$ ), opposing the effects of parathyroid hormone (PTH). It has been found in fish, reptiles, birds, and mammals. Its importance in humans has not been as well established as its importance in other animals, as its function is usually not significant in the regulation of normal calcium homeostasis. |
| Keywords     | CALCA; calcitonin-related polypeptide alpha; CALC1, calcitonin 1; calcitonin; calcitonin gene-related peptide 1; calcitonin; katacalcin; calcitonin 1; alpha-type CGRP; calcitonin gene-related peptide I; calcitonin/calcitonin-related polypeptide, alpha; CT  |

### GENE INFORMATION

|                |                        |
|----------------|------------------------|
| Entrez Gene ID | <a href="#">796</a>    |
| UniProt ID     | <a href="#">P01258</a> |