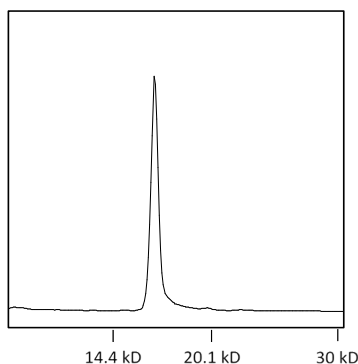


Recombinant PCT antigen, 100 µg

Catalog number	610080
Description	Recombinant human procalcitonin (PCT) protein with a C-terminal histidine tag. Predicted molecular weight: 14 kDa
Amino acid sequence	MAPFRSALESSPADPATLSEDEARLLLLAALVQNYVQMKASELEQEQERE GSSLDSPRSKRRCGNLSTCMLGTYTQDFNKFHTFPQTAIGVGAPGKKRDM SSDLERDHRPHVSMQANLEHHHHHH
Product host	<i>Escherichia coli (E. coli)</i>
Product formulation	Lyophilized
Product buffer solution	Lyophilized from 50 mM Tris-HCl, pH 7.5; 150 mM NaCl; containing 6 % sucrose as stabilizer
Reconstitution	Reconstitute the lyophilized protein with deionized water
Shelf life and storage	Unspecified for lyophilized product, storage at 2-8 °C. After reconstitution 1 week at 2-8 °C and 10 months at - 20 °C.
Analyte description	Procalcitonin (PCT) is a precursor protein of the hormone calcitonin, produced by the thyroid gland. It is a 116 amino acid protein that is cleaved intracellularly to form three peptides: N-terminal procalcitonin, calcitonin, and katacalcin. In healthy individuals, only the calcitonin polypeptide is secreted into the bloodstream, and PCT serum levels are very low. However, in patients with systemic infections, and especially sepsis, serum PCT levels rise rapidly.
Product concentration	N/A
Purity	Capillary electrophoresis (CE-SDS)



Antibodies tested	Anti-h PCT 4003: + Anti-h PCT 4004: + Anti-h PCT 4005: + Anti-h PCT 4006: + Anti-h PCT 4008: + Anti-h Calcitonin 4050: - Anti-h Calcitonin 4051: +
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Legal disclaimer