

PRODUCT SPECIFICATIONS

Name	Recombinant PCT antigen, 100 µg
Description	Recombinant human procalcitonin (PCT) protein with a C-terminal histidine tag Predicted molecular weight: 13.6 kDa
Production host	<i>E.coli</i>
Product code	610080
Product formulation	Lyophilized from 0.2 µm filtered solution
Product buffer	50 mM Tris-HCl, pH 7.5; 150 mM NaCl; containing 6 % sucrose as stabilizer
Reconstitution	Reconstitute lyophilized protein with 200 µl of deionized water
Shelf life and storage	Shelf life unspecified, storage at 2-8 °C
Analyte description	Procalcitonin (PCT) is a precursor protein of the hormone calcitonin. In healthy individuals, PCT serum levels are very low, whereas in patients with systemic infections, PCT levels rise rapidly. In clinical diagnostics, PCT test is most often used to identify patients with sepsis. It can also be used to monitor the response to antibiotic treatment.
Product concentration	0.5 mg/ml when reconstituted with 200 µl of deionized water
Purity	SDS-PAGE 
Reactivity with MedixMABs	Anti-h PCT clone 4001: + Anti-h PCT clone 4003: + Anti-h PCT clone 4004: + Anti-h PCT clone 4005: + Anti-h PCT clone 4006: +