



## DATA SHEET

### Proteinase 3 (cANCA) antigen

Code Number#KT-ATP02-02

**Pack Size:** 0.20 mg

**Purity:** > 95% pure, as assessed by SDS gel electrophoresis.

**Storage:** Store at -65°C or below (long term). Avoid repeated freezing and thawing.

**Description:** Autoantibodies to neutrophil cytoplasmic antigens (ANCA) were first described in 1982 by Davies et al. Autoantibodies staining the nuclei or the perinuclear zone of neutrophils by indirect immunofluorescence are referred to as pANCA whereas those giving a clear cytoplasmic fluorescence are referred to as cANCA. The antigen recognised by most cANCA sera has been identified as proteinase 3 (also known as myeloperoxidase, p29 or AGP7). Autoantibodies to proteinase 3 are found in the sera of patients with active Wegener's granulomatosis and less often in other types of systemic vasculitis including microscopic polyangiitis, idiopathic crescentic glomerulonephritis, Churg-Strauss syndrome and polyarteritis nodosa.

The use of purified proteinase 3 for the detection of cANCA by solid-phase ELISA has been described by several authors.

**Application:** ELISA

**NOTE: For In-Vitro Diagnostic Use. Not For Human Or Animal Consumption.**