

HOTLINE: Effective August 19, 2019

2002068

Anti-Neutrophil Cytoplasmic Antibody with Reflex to Titer and MPO/PR3 Antibodies

ANCA PN

Reference Interval:

Test Number	Components	Reference Interval	
	Anti-Neutrophil Cytoplasmic Antibody, IgG	< 1:20: Not significant	
0050526	Myeloperoxidase Antibody	Negative	19 AU/mL or less
		Equivocal	20-25 AU/mL
		Positive	26 AU/mL or greater
0050527	Serine Proteinase 3 Antibody	Negative	19 AU/mL or less
		Equivocal	20-25 AU/mL
		Positive	26 AU/mL or greater

Interpretive Data: Neutrophil cytoplasmic antibodies (C-ANCA = granular cytoplasmic staining, P-ANCA = perinuclear staining) are found in the serum of over 90% of patients with certain necrotizing systemic vasculitides, and usually in less than 5% of patients with collagen vascular disease or arthritis. Approximately 90% of patients with a P-ANCA pattern by IFA have antibodies specific for MPO. Approximately 85% of patients with a C-ANCA pattern by IFA have antibodies specific for PR3.

Note: Specimens are screened by IFA on ethanol-fixed neutrophils, formalin-fixed neutrophils, and HEp-2 slides that allow differentiation of C- and P-ANCA patterns.

If screen is positive, then titer and MPO/PR3 antibodies will be added to aid in antibody determination. Additional charges apply.