



Order ID 204187  
 Provider Example Provider MD

**Specimen**  
 Collected 08/20/2020  
 Received 08/20/2020  
**Test Order**  
 Created 08/20/2020  
 Reported 08/24/2020

**Patient**  
**Sample, Robert S**  
 Gender - DOB Male - 01/01/2001  
 Identifier Received  
 Exagen ID 302583

## AVISE VASCULITIS AAV

<b>AVISE VASCULITIS RESULT:</b>	<b>p-ANCA Positive &gt;1:1280</b>	<b>Anti-MPO Positive</b>
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ANCA by IFA Titer: >1:1280 Positive IFA:<1:20-Negative | ≥20 Positive

Pattern: Perinuclear (p-ANCA)

Positive ANCAs are useful in the diagnosis of small vessel vasculitis - granulomatosis with polyangiitis, microscopic polyangiitis and eosinophilic granulomatosis with polyangiitis. However, they can also be seen in connective tissue disease, IBD, some infections, malignancy, and as a reaction to drugs. Therefore, they should be interpreted with care in light of the clinical findings and workup.

Vasculitis-Associated Analytes:	Value	Interpretation	Reference Range
Anti-MPO IgG	>740 CU	Positive	CIA: <20-Negative   ≥20-Positive
Anti-PR3 IgG	<2 CU	Negative	CIA: <20-Negative   ≥20-Positive
Anti-GBM IgG	3 CU	Negative	CIA: <20-Negative   ≥20-Positive

### Test Method Description:

Results were obtained by NOVA Lite DAPI ANCA (Ethanol) and (Formalin) Kits indirect immunofluorescence assays for the qualitative detection semi-quantitative determination of anti-neutrophil cytoplasmic antibodies (ANCA) of IgG isotypes in human serum by manual fluorescence microscopy or with NOVA View Automated Fluorescence Microscope. Chemiluminescent immunoassays (CIA) were used for the semi-quantitative detection of IgG anti-proteinase 3 (PR3) autoantibodies, IgG anti-myeloperoxidase (MPO) autoantibodies and IgG anti-glomerular basement membrane (GBM) autoantibodies in human serum or plasma on the Bio-Flash® instruments.

### References:

Autoimm Rev (2016) 15:978; Am J Clin Pathol (1999) 111:507; Nature Reviews (2017) 13:683; Clin Chim Acta (2012) 413:719; Nephrolog Dial Transplant (2012) 27:243; Kidney Internatl (2017) 92:693; Curr Opin Nephrol Hypertens (2011) 20(3):290; BMJ (2020) 368:m421; Clin J Am Soc Nephrol (2017) 12:1162.



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 CAP# 7201051 | NYSDOH PFI# 8369

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