



## New Immunoserology Platforms at Vanderbilt Medical Laboratories

Vanderbilt Medical Laboratories will upgrade testing platforms in the Immunoserology laboratory. In addition, specimens for Immunoserology tests will be sorted and processed by the automatic chemistry line. These changes enable the laboratory to improve workflow and increase testing capacity. The changes will be implemented on **March 1, 2024**.

The process for ordering lab tests will remain the same. Changes that may impact clinical practice are detailed in this table.

Test Name (LAB#)	Changes	Current State	Future State at MetroCenter
Anti-proteinase 3 (LAB3465); Anti-Myeloperoxidase (LAB3464); Antineutrophil Cytoplasmic Ab (including anti-PR3, anti-MPO and ANCA IFA) (LAB458)	Assay	QUANTA Lite MPO IgG QUANTA Lite PR3 IgG	Bioplex 2200 system Vasculitis
	Results (Includes numeric value)	<ul style="list-style-type: none"> <li>Negative &lt;20.0</li> <li>Equivocal 20.0-30.0</li> <li>Positive &gt;30.0</li> </ul>	<ul style="list-style-type: none"> <li>Negative &lt;1.0 AI</li> <li>Positive ≥1.0 AI</li> </ul>
Specific Extracted Nuclear Antigen (ENA) panel (includes SS-A, SS-B, Sm, RNP, Scl-70) (LAB3457); ANA with Reflex ENA/DNA (LAB3458)	Assay	Zeus ELISA ENA	Bioplex 2200 system ANA screen
	Results (Includes numeric value)	SS-A, SS-B, Sm, RNP: <ul style="list-style-type: none"> <li>Negative ≤0.90</li> <li>Equivocal 0.91-1.09</li> <li>Positive ≥1.10</li> </ul> Scl-70 <ul style="list-style-type: none"> <li>Negative &lt;20</li> <li>Weak positive 20-39</li> <li>Moderate positive 40-80</li> <li>Strong positive &gt;80</li> </ul>	<ul style="list-style-type: none"> <li>Negative &lt;1.0AI</li> <li>Positive ≥1.0 AI</li> </ul>
Cyclic Citrullinated Peptides (CCP) IgG (LAB851)	Assay	Axis-Shield Anti-CCP test	Bioplex 2200 System Anti-CCP
	Results (includes numeric value)	<ul style="list-style-type: none"> <li>Negative &lt;0.95</li> <li>Equivocal ≥0.95 - ≤1.0</li> <li>Positive &gt;1.0</li> </ul>	<ul style="list-style-type: none"> <li>Negative &lt;3.0 U/ml</li> <li>Positive ≥3.0 U/ml</li> </ul>
Antinuclear Antibodies (ANA) (LAB147); ANA with Reflex ENA/DNA (LAB3458)	Results	Negative <1:80 Positive: report endpoint titer and patterns <ul style="list-style-type: none"> <li>Smooth</li> <li>Speckled</li> <li>Smooth/speckled</li> <li>Atypical speckled</li> <li>Centromere</li> <li>Nucleolar</li> <li>Atypical pattern</li> </ul>	Negative <1:80 Positive: report endpoint titer and patterns <ul style="list-style-type: none"> <li>Homogeneous</li> <li>Speckled</li> <li>Centromere</li> <li>Nucleolar</li> <li>Nuclear dots</li> <li>Nuclear envelope</li> <li>PCNA</li> <li>NuMA</li> </ul> Cytoplasmic pattern will be reported as negative, but this pattern will be noted in the comment.
	Assay	ARCHITECT Anti-HAV	LIAISON Anti-HAV
Hepatitis A panel (LAB551)	Target	Anti-HAV IgM and IgG	Anti-HAV IgM and total antibodies (IgM & IgG)
	Assay	ZEUS T. gondii IgG/IgM	Bioplex 2200 ToRC IgG/IgM
Toxoplasma IgG/IgM (LAB501)	Results	Qualitative <ul style="list-style-type: none"> <li>Negative</li> <li>Equivocal</li> <li>Positive</li> </ul> All report with index value	Quantitative <ul style="list-style-type: none"> <li>Negative</li> <li>Equivocal</li> <li>Positive</li> </ul> All report with international unit
	Assay	QUANTA Lite Rh-tTG IgA and IgG QUANTA Lite Gliadin IgA and IgG	Bioplex 2200 System Celiac IgA and IgG
Celiac panel (LAB6345); Celiac panel with Reflex EMA (LAB821)	Results (includes numeric value)	tTG IgA <ul style="list-style-type: none"> <li>Negative &lt;4</li> <li>Weak positive 4-10</li> <li>Positive &gt;10</li> </ul> tTG IgG <ul style="list-style-type: none"> <li>Negative &lt;6</li> <li>Weak positive 6-9</li> <li>Positive &gt;9</li> </ul> Gliadin IgA and IgG <ul style="list-style-type: none"> <li>Negative &lt;20.0</li> <li>Equivocal 20.0-30.0</li> <li>Positive &gt;30.0</li> </ul>	<ul style="list-style-type: none"> <li>Negative &lt;15.0 U/ml</li> <li>Positive ≥15.0 U/ml</li> </ul>