

Chemistry Testing Update

Effective December 3, 2019

VOLATILE ALCOHOL and ETHYLENE GLYCOL TESTING UPDATE

Effective December 3, 2019, Wisconsin Diagnostic Laboratories (WDL) will update the result reporting structure for the following three tests:

- **Volatile Alcohol + Ethylene Glycol Screen** (mnemonic VOLAT GLYC)
- **Volatile Alcohol – Monitoring** (mnemonic VOLATILE)
- **Ethylene Glycol – Monitoring** (mnemonic ETHY GLYC)

The “reference range” section for these tests will now be left blank. An interpretive comment listed immediately below the results will state the reference interval is “Not Detected”. This change clarifies that volatile alcohols and ethylene glycol are not detected in normal/healthy states.

Each test component (ethanol, methanol, acetone, isopropanol, and ethylene glycol) will be reported in one of three ways:

Report	Indicates
Not Detected	No detectable level
<10 mg/dL or <0.01 g/dL	The compound is present and detectable but it's concentration is too low to be accurately measured
Exact number	Example: 15 mg/dL

FOR QUESTIONS OR ADDITIONAL INFORMATION, PLEASE CONTACT:

- Ian Gunsolus, PhD, Co-Director of Clinical Chemistry and Toxicology, 414.805.6972, igunsolus@mcw.edu
- Laura Smy, PhD, MLS, Co-Director of Clinical Chemistry and Toxicology, 414.805.6975, lsmy@mcw.edu