**To:** Dartmouth Health System Providers

**From:** K. Aaron Geno, PhD, DABCC, Assistant Director of Clinical Chemistry

Abigail Johnston MS, MLS (ASCP)CM, Laboratory Medicine Operations Manager

**Date:** July 12, 2024

**RE:** Tests Down – Cyclosporine A, Everolimus, Sirolimus

**Situation**

The mass spectrometer that performs cyclosporine A, everolimus, and sirolimus testing is out of service until it can be repaired next week. **Tacrolimus testing is not affected.**

**Background**

At the end of testing on July 11, the instrument experienced a mechanical failure. Troubleshooting by technical staff in conjunction with the vendor determined this was not reparable without shipping parts in.

**Assessment**

Testing for cyclosporine A, everolimus, and sirolimus on all pending specimens and new specimens will be sent to Mayo Clinic Labs for testing until our instrument is repaired. Parts have been ordered, and service is expected early next week. Tacrolimus testing is performed by immunoassay and is not affected.

**Recommendation**

Providers should expect longer turnaround times than usual (~48-72 h) for cyclosporine A, everolimus, and sirolimus, especially for samples not received in the laboratory in time to be shipped today (~3:30 PM).

Results from Mayo Clinic Labs will be resulted as “See comment,” and results will be scanned into the chart and available under the “Media” tab within eDH.

**For questions or additional information, please contact:**

[kimball.a.geno@hitchcock.org](mailto:kimball.a.geno@hitchcock.org) or the chemistry director on call at pager 8139.