Date: 2/2/2022

From: Mark A. Cervinski, Ph.D.

Director of Clinical Chemistry

RE: Gentamycin and Tobramycin, Change to Reference Interval

On Thursday, 2/8/2022 there will be a change in reference intervals and interpretive criteria for Gentamycin and Tobramycin concentrations performed in the Chemistry Laboratory at DHMC. This change is being done following consultation with Inpatient Pharmacy at DHMC.

A table summarizing old and new reference intervals is included below.

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| --- | --- | --- |
| Test | Old Reference Interval | New Reference Interval |
| Gentamycin | Reference Interval: 0.5 – 1.5 mg/L  Critical Threshold: > 2.0 mg/L | Reference Interval: 0.3 – 2.0 mg/L  Critical Threshold: > 2.0 mg/L |
| Tobramycin | Reference Interval: 0.5 – 1.5 mg/L  Critical Threshold: > 2.0 mg/L | Reference Interval: 0.3 – 2.0 mg/L  Critical Threshold: > 2.0 mg/L |

Please contact Dr. Cervinski at [mark.a.cervinski@hitchcock.org](mailto:mark.a.cervinski@hitchcock.org) with any questions pertaining to this notice.