

## UPCOMING TEST UPDATES

December 16, 2022

HNL Lab Medicine will be updating platforms at our Core Lab. This communication details some updates that will be coming as part of this upgrade. Further information, guidance, and instructions regarding these updates will be communicated prior to go-live.

### Assay Improvements

Hemoglobin A1c w/eAG

HA1CG

Effective Date **Monday, December 19, 2022**

As part of the network-wide upgrade, this test is now moving to a new platform. Due to the methodology change, a reflex to glycated hemoglobin is no longer warranted.

**NOTE:**

- As with all HbA1c assays, patients with hemoglobinopathies may not reflect accurate glycemic control due to abnormal hemoglobin chains.
- Patients with increased HbF will reflect lower-than-expected values

### Tumor Marker Re-Baselining

To assist in the transition from Siemens to Beckman platforms, HNL Lab Medicine has been re-baselining tests since October 11, 2022 and processing tumor marker testing on both manufacturers' assays.

**The tumor marker re-baselining will be coming to an end on January 11, 2023.**

### Reference Interval/Comment Updates

Gestational Glucose Tolerance

MGTT

Effective Date **Wednesday, December 28, 2022**

Reference range values for fasting and 2-hour glucose will be updated to reflect current literature.

<b>FASTING:</b>	<95 mg/dL
<b>2 HR:</b>	<155 mg/dL

Salicylate

SALI

Effective Date **Wednesday, December 28, 2022**

Therapeutic ranges for Salicylate (SALI) test will now be reflected in a comment.

<b>ANALGESIC:</b>	<6 mg/dL
<b>ANTI-INFLAMMATORY:</b>	15 – 30 mg/dL

Effective Date **Wednesday, December 28, 2022**

Therapeutic ranges for Lithium (LITH) test will now be reflected in a comment.

<b>MINIMUM EFFECTIVE CONCENTRATION:</b>	0.6 mmol/L
<b>12-HR POST DOSE TROUGH CONCENTRATION:</b>	1.0 – 1.2 mmol/L

## Tests that will be Inactivated – DATE TBD

### Free Thyroxine Index Thyroid Profile

TH7

Due to improved accuracy, measurement of Free T4 is recommended instead of utilizing an index. To improve utilization, please use [T4, Free \(FT4\)](#)

### H. Pylori IgG Antibody

HYIGG

Due to poor specificity and low clinical actionability of the antibody test, this test will no longer be offered. Please use [H pylori stool antigen \(HPSAG\)](#) to determine H. Pylori infection.

### Prolactin Diluton, hook effect

PLTND

Due to updated methodology, a hook effect has not been demonstrated up to 30,000 ng/mL. This test is no longer warranted. Please use [Serum Prolactin](#).

## Test Availability Updates

### NT- proBNP (PBNP) transition to B-type Natriuretic Peptide, Whole Blood (BNPT)

**NT-proBNP (PBNP) will no longer be offered** as chemistry instrumentation is upgraded.

**B-Type Natriuretic Peptide (BNPT) will continue to be offered**, but should not be used interchangeably with a previous PBNP result.

## Test Naming Updates

### Body fluid white blood cell count

To be consistent with Clinical and Laboratory Standards Institute recommendations, **body fluid white blood cell count will be reported as total nucleated cells**. This will include all body fluid specimen types as well as CSF.

The standardization process will allow HNL Lab Medicine to provide consistent results network-wide. This project aims to improve on our ability to provide timely, accurate results as an aid to patient care.

**For questions, please call 877-402-4221.**

For technical questions related to this test, please ask for Technical Support between the hours of 8 a.m. and 4:30 p.m. For general inquiries, Customer Care is available to assist at any time.