

DATE:	8 December 2025
TO:	All Healthcare Professionals
FROM:	Clinical Biochemistry, Alberta Precision Laboratories (APL)
RE:	Changes to Testosterone Testing and Reporting

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Key Message

- Effective Thursday December 11, 2025, the following changes will be made to testosterone testing and reporting:
 1. Lab ID numbers have changed for “Testosterone, Free, Calculated” (LAB1756), Testosterone, Bioavailable, Calculated” (LAB1757), and “Free Androgen Index” (LAB46244).
 2. Components* used in testosterone calculations (i.e., “Testosterone, Free”, “Testosterone, Bioavailable”, and “Free Androgen Index”) will be reported individually instead of in panels.
 3. Components* ordered together with the calculated tests will be cancelled as duplicates, except Albumin.
 4. “Testosterone, Total” will be centralized to Edmonton Base Lab (EBL) for testing in APL North Sector.
- *Components include “Testosterone, Total,” Sex Hormone Binding Globulin (SHBG), and Albumin.

Background

- Changing reporting from panels to individual tests resolves flagging errors in Epic and Netcare.
- Cancelling duplicate orders reduces costs and redundancy.
- Albumin duplications will not be cancelled due to method differences across the province.
- The University of Alberta Hospital (UAH) Laboratory will discontinue “Testosterone, Total” testing and route samples to EBL to improve standardization efforts.

Action Required

- Be aware of changes to the Connect Care LAB ID numbers for the calculated testosterone tests.
 - Preference lists will be updated by IT.
- Components for the calculated testosterone tests will appear as individual tests in Epic and Netcare
 - A comment will be appended to indicate which components are part of the calculation.
- No changes to ordering processes.

Questions/Concerns

- Dr. Josh Raizman, Clinical Biochemist, North Sector, josh.raizman@aplabs.ca, 780-718-2402
- Edmonton Base Lab Clinical Chemist Team, apl.clinicalchemists@aplabs.ca, 825-394-1816
- Dr. Michael Reid, Clinical Biochemist, South Sector, michael.reid@aplabs.ca, 403-770-3882

Approved by

- Dr. Kareena Schnabl, Clinical Biochemistry Section Chief, North Sector, APL
- Dr. Carolyn O'Hara, Chief medical Laboratory Officer, APL