

<b>DATE:</b>	25 September 2024
<b>TO:</b>	Physicians, Nursing Staff and Healthcare Practitioners – All Zones
<b>FROM:</b>	Alberta Precision Laboratories (APL) - Transfusion and Transplantation Medicine Provincial Program
<b>RE:</b>	<b>Changes to HLA Typing – Disease Association and HLA Typing – Pharmacogenomics Test Codes</b>

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## PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

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### Key Message

- HLA Typing – Disease Association and HLA Typing – Pharmacogenomics test codes are being split out into individual test codes for each pre-approved indication.
- This will improve laboratory accessioning workflow, resulting in reduced turnaround times for non-transplant related HLA typing requests.
- For miscellaneous HLA typing requests for disease association or pharmacogenomic queries beyond those pre-approved, use “HLA Typing – Disease Association Other” or “HLA Typing – Pharmacogenomics Other” and complete mandatory order questions to ensure testing is completed.

### Background

- Lab has experienced challenges with capturing adequate information in order questions which guide HLA typing testing for disease association and pharmacogenomic queries, which leads to prolonged turnaround times as the lab must investigate orders where insufficient information was provided.
- A decision was made to break the two existing tests into individual test orders, based on the locus required, to make it clear for laboratory staff to determine what is being requested.

### How this will impact you

- Correct use of these new test codes will improve laboratory workflow in determining which testing to perform and will result in decreased turnaround times for these assays.
- Refer to the table below for a listing of the new test codes and test names.



**How this will impact you (continued)**

Epic Order/ Procedure Code	Test Orderable
LAB4304	HLA TYPING - DISEASE ASSOCIATION OTHER
LAB43041	HLA TYPING - DISEASE ASSOCIATION ANKYLOSING SPONDYLITIS (B27)
LAB43042	HLA TYPING - DISEASE ASSOCIATION BIRDSHOT RETINOPATHY (A29)
LAB43043	HLA TYPING - DISEASE ASSOCIATION BEHCET DISEASE (B51)
LAB43044	HLA TYPING - DISEASE ASSOCIATION UVEITIS (OTHER THAN BIRDSHOT) (A29/B27/B51)
LAB43045	HLA TYPING - DISEASE ASSOCIATION AUTOIMMUNE HEPATITIS
LAB43046	HLA TYPING - DISEASE ASSOCIATION CELIAC (DQ2/DQ8)
LAB43047	HLA TYPING - DISEASE ASSOCIATION NARCOLEPSY (DQB1*06:02)
LAB6061	HLA TYPING - PHARMACOGENOMICS OTHER
LAB60611	HLA TYPING - PHARMACOGENOMICS TEBENTAFUSP A*02:01
LAB60612	HLA TYPING - PHARMACOGENOMICS CARBAMAZEPINE A*31:01 AND B*15:02
LAB60614	HLA TYPING - PHARMACOGENOMICS ALLOPURINOL B*58:01
LAB60615	HLA TYPING - PHARMACOGENOMICS ABACAVIR B*57:01

**Action Required**

- HLA typing testing for disease association or pharmacogenomic queries must now be ordered using new test codes.
- For other HLA Typing requests for disease association or pharmacogenomic queries beyond those pre-approved, use “HLA Typing – Disease Association Other” or “HLA Typing – Pharmacogenomics Other” and ensure the order questions are completed to ensure testing is completed.
- Avoid ordering more than one test code where possible to prevent excessive blood collection (ie. if A29/B27/B51 are all required, order “HLA Typing – Uveitis (other than Birdshot) (A29/B27/B51)” rather than the three individual test codes for each typing).
- If testing is ordered using a requisition, please use the most current version using the provided link and discard older versions (<https://www.albertahealthservices.ca/frm-ch-0319.pdf>)

**Effective**

- 25 September 2024

**Questions/Concerns**

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**Approved by**

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*Effective September 1, 2023, APL has become the sole provider of all public lab services in Alberta. As a result, community lab services formally provided by DynaLIFE Medical Labs will become the responsibility of Alberta Precision Labs (APL). This change impacts all zones.*