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| <b>DATE:</b> | 1 October 2024  |
| <b>TO:</b>   | Clinical Adult/Pediatric Hematology/Oncology Physicians and Nurses, Immunodeficiency Physicians, Physicians and Healthcare Providers at Lethbridge Regional Hospital and Medicine Hat Regional Hospital |
| <b>FROM:</b> | James Maruca, Flow Cytometry Supervisor: Calgary Zone   |
| <b>RE:</b>   | <b>Flow Cytometry Mitogen Stimulation Assay (MSA) and Lymphocyte Activation Marker (LAM) Testing – Reduced Lab Function/Capacity</b>  |

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## PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

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### Key Message

- The Flow Cytometry Laboratory (South Sector) will be unable to process Cell Culture testing October 13 – 27, 2024
- Samples will not be processed for MSA and LAM testing from October 13 – 27, 2024.
- Regular scheduled testing will resume on Monday, October 28, 2024

### Background

- Mitogen and Lymphocyte Activation Marker testing is processed once per week and takes several days to process. Due to CO2 Incubator downtime, testing will not be available for the weeks from October 13, 2024 – October 27, 2024

### How this will impact you

- MSA and LAM testing will not be available October 13, 2024 – October 27, 2024

### Action Required

- **Do not** collect or send samples for MSA or LAM testing to the Flow Cytometry Department from October 13, 2024 – October 27, 2024

**Effective      October 13, 2024**

### Questions/Concerns

- Poonam Dharmani, PhD, Director, Flow Cytometry  
[Poonam.Dharmani@albertaprecisionlabs.ca](mailto:Poonam.Dharmani@albertaprecisionlabs.ca)

### Approved by

- Tariq Roshan, MBBS, MD, PhD, MPath, FRCPC  
Medical Director, Flow Cytometry Laboratory

*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.*