

TO: ALL CLIENTS
FROM: LABORATORY REFERENCE CENTRE

MARCH 26, 2024

P50 – HEMOGLOBIN OXYGEN AFFINITY TESTING TRAVEL CONTROL REQUIREMENT

A requirement for all P50 Hemoglobin Oxygen Affinity samples received is the inclusion of a travel control from a normal, de-identified donor. This serves as a control for timing and shipping conditions.

This requirement was initially announced on a memo dated June 2, 2023. It also appears as a requirement on the [P50 – Hemoglobin Oxygen Affinity](#) entry of the LRC Lab Test Information Guide, and is indicated on the downloadable [Hemoglobinopathy Investigations Requisition](#) available on the LRC website.

The normal travel control ensures that the sample has been kept at the correct temperature during travel. The results of P50 – Hemoglobin Oxygen Affinity are sensitive to the sample storage temperature. The normal travel control should be collected around the same time as the test sample and then exposed to any temperature changes in the same fashion. The Normal Travel Control should be from an individual with no known hemoglobinopathies.

Effective Tuesday April 2, 2024, any samples received without a normal de-identified travel control will not be processed for testing.

We thank you for your attention to this matter.

For further assistance please contact:

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