



August 2, 2021

Re: Clinical Testing Change- SAP (XLP1) & XIAP (XLP2) Flow Cytometry Tests

Dear Cincinnati Children's CBDI Clinical Laboratory Clients:

To improve efficiency, the SAP (XLP1) and XIAP (XLP2) flow cytometry tests will now be available as one orderable test, SAP (XLP1) and XIAP (XLP2), using flow cytometry methodology. The updated assay design will allow the lab to process more samples in less time, allowing for quicker turn-around-time in reporting results to clients. The updated assay reports slightly different parameters and reference ranges. See below for the reported parameters and corresponding reference ranges:

%SAP ⁺ CD4 ⁺ T cells	≥94
%SAP ⁺ CD8 ⁺ T cells	≥88
%SAP ⁺ NK cells	≥94
%XIAP ⁺ CD4 ⁺ T cells	≥93
%XIAP ⁺ CD8 ⁺ T cells	≥93
%XIAP ⁺ B cells	≥89
%XIAP ⁺ NK cells	≥93
%XIAP ⁺ Monocytes	≥96

Ordering Test: After August 2, 2021 new requisitions will have both “SAP and XIAP” and “XIAP and SAP” as ordered tests. Clients need to only mark one test to receive results for the full panel.

If using an old test requisition, please mark both SAP and XIAP. Marking only one test will result in a request for a new test order to be sent before reporting results.

Collection Instructions:

NOTE: EDTA WILL NO LONGER BE AN ACCEPTABLE SAMPLE FOR THIS TEST!

The combined assay will only be run using Sodium Heparin (green top) anticoagulant whole blood.

EDTA will no longer be accepted as an anticoagulant for XIAP testing.

3mL whole blood should be collected using Sodium Heparin as an anticoagulant (green top tube). The minimum blood volume is 1mL whole blood.

Please refer to our updated requisition for sample collection and shipping instructions.

Handling Conditions: Keep samples as whole blood at room temperature for delivery to our lab within 24 hours of collection.

Samples should be sent appropriately to maintain proper storage/transport conditions until received in our lab. Whole blood must remain at room temperature after collection until received in our lab.

All vials should be labeled with patient name, MRN, DOB, date of sample collection, and anticoagulant.

Please feel free to contact us with any questions you may have.

Thank you.

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