

# Laboratory Technical Bulletin: New Testing

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## Effective Date: January 27, 2025

McLaren Corporate Laboratory is proud to announce new in-house testing on the Diasorin Liaison Chemistry platform.

- **Aldosterone:**  
Investigation of primary aldosteronism (e.g., adrenal adenoma/carcinoma and adrenal cortical hyperplasia) and secondary aldosteronism (renovascular disease, salt depletion, potassium loading, cardiac failure with ascites, pregnancy, Bartter syndrome) using serum specimens
  - Specimen Requirement: SST Serum (gold or red top tubes)
  - Storage Requirement: Refrigerated
  - Testing Performed: Tuesday and Friday
- **Renin Direct:**  
Direct renin is an enzyme that can help diagnose conditions like hypertension, Addison disease, and cirrhosis. Direct renin inhibitors are a class of drugs that can treat hypertension by blocking the renin-angiotensin system.
  - Specimen Requirement: EDTA Plasma, (purple top tube)
  - Storage Requirement: Separate from cells ASAP or within 2 hours of collection. Freeze
  - Testing Performed: Tuesday and Friday
- **Aldosterone/Renin Direct ratio:**  
The combined aldosterone/renin tests are preferred when screening for hyperaldosteronism.
  - Specimen Requirement: SST Serum & EDTA Plasma, (gold/red top tube & purple top tube)
  - Storage Requirement: Separate from cells ASAP or within 2 hours of collection. Freeze
  - Testing performed: Tuesday and Friday
- **1,25 Dihydroxy Vitamin D:**  
Useful for evaluating calcium metabolism in individuals with hypercalcemia or renal failure in addition to Vitamin D, 25-Hydroxy testing.
  - Specimen Requirement: SST Serum
  - Storage Requirement: Refrigerated
  - Testing Performed: Monday - Friday
- **Calprotectin:**  
Aids in differentiation of inflammatory bowel disease (IBD) from irritable bowel syndrome (IBS) and other functional disorders of the gastrointestinal (GI) system. Aids in monitoring IBD and prediction of relapse.
  - Specimen Requirement: Stool -cup
  - Storage Requirement: Refrigerated
  - Testing Performed: Tuesday and Friday
- **Pancreatic Elastase:**  
Tests for exocrine pancreatic insufficiency.
  - Specimen Requirement: Stool - cup
  - Storage Requirement: Refrigerated
  - Testing Performed: Tuesday and Friday

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