

## Lab Equipment Upgrade: Some Lab Results Will Look Different

To help us serve you better, Fred Hutch – Peninsula is upgrading to new lab equipment. This change will allow us to process many lab tests more quickly, so you can expect to receive your results sooner and more consistently, helping ensure more appointments stay on schedule.

You may notice differences in how some of your lab results are displayed. These changes include:

- **Updated reference ranges for some lab results.**
  - A reference range is the set of numbers that is usually considered normal or abnormal for a test result.
  - Your results will still show you if they are normal or abnormal within the updated reference range.
- **Some tests will look the same.**
  - For some tests, the results will look almost the same on both machines, even if the reference range changes slightly. For those tests, your results will stay consistent over time. **These tests will say, (Roche) next to them** in MyChart.
- **Other tests will have different reference ranges or units.**
  - These tests will have a note with your results in MyChart telling you the test was run on the new equipment. You will not be able to track trends in these tests from the old equipment to the new equipment.
- The reference ranges you see in MyChart are accurate.

The table below gives an overview of which tests will keep the same test codes with new reference ranges and remain trendable, and which tests will transition to a new test code with new reference ranges or units (and not be trendable).

If you have any questions or concerns about your results, please reach out to your care team – we're here to help.

Test Category	<p><b>Will have small changes to reference range</b></p> <p><b>*You will be able to view trends from the old equipment to the new</b></p>	<p><b>Will have bigger changes to reference range and/or units</b></p> <p><b>*You will not be able to view trends from the old equipment to the new</b></p>
	<p>These results will show: “Test name (Roche)” in MyChart.</p>	<p>These results will have a comment attached to them in MyChart saying they were run on the new equipment.</p>
<b>Basic Metabolic Panel (BMP)</b>	<ul style="list-style-type: none"> <li>• Sodium</li> <li>• Potassium</li> <li>• Chloride</li> <li>• Carbon Dioxide</li> <li>• Anion Gap</li> <li>• Glucose</li> <li>• Urea Nitrogen</li> <li>• Creatinine</li> <li>• Calcium</li> </ul>	
<b>Liver Function</b>	<ul style="list-style-type: none"> <li>• Albumin</li> <li>• Alkaline Phosphatase (Total)</li> </ul>	<ul style="list-style-type: none"> <li>• Protein (Total)</li> <li>• Bilirubin (Total)</li> <li>• Bilirubin (Direct)</li> <li>• AST (GOT)</li> <li>• ALT (GPT)</li> </ul>
<b>Kidney Function</b>	<ul style="list-style-type: none"> <li>• Creatinine</li> <li>• Phosphate</li> <li>• Urea Nitrogen</li> <li>• Potassium</li> <li>• Magnesium</li> </ul>	
<b>Miscellaneous</b>	<ul style="list-style-type: none"> <li>• Uric Acid</li> <li>• Lactate Dehydrogenase</li> </ul>	