

Announcement:

Change to Electrolyte Reference Range

Sodium, Chloride, Anion Gap

Effective: May 2, 2019

What has changed:

Effective May 2 2019, Pacific Diagnostic Laboratories (PDL) has established new reference ranges for three components of our electrolyte panel: sodium, chloride and anion gap.

Normal Reference Range:

TEST	PREVIOUS	NEW Effective May 10, 2019
Sodium	136 – 145 mmol/L	134 – 145 mmol/L
Potassium	3.5 – 5.1 mmol/L	NO CHANGE
Chloride	98 – 107 mmol/L	98 – 110 mmol/L
CO ₂	21 – 32 mmol/L	NO CHANGE
Anion Gap	5 – 13 mmol/L	3 – 14 mmol/L

Reason for the change:

PDL has completed a comprehensive reference range evaluation. The evaluation included a normal population range study, review against peer laboratories, and a systematic review with the vendor. A change in the national calibration reagent lots was identified as part of the evaluation. Review timeframe spanned back to the implementation of new chemistry analyzers earlier this year.

Result Comment on Report:

Results include a comment to highlight the reference range change.

For more information please contact PDL Client Services at (805)879-8100

Stewart W. Comer, MD FCAP
 Medical Director Pacific Diagnostic Laboratories