Methodology: Semi-Quantitative Radioimmunoassay

Reference Interval: 0.0-1.0 U/mL

Interpretive Data: A value greater than 1.0 Kronus Units/mL is considered positive for 21-OH Antibody. Kronus units are arbitrary. Kronus Units = U/mL.

The 21-Hydroxylase Antibody Assay is intended for the semi-quantitative determination of antibodies to steroid 21-hydroxylase in human serum.

The presence of antibodies to 21-hydroxylase (greater than 1.0 U/mL) is indicative of primary adrenal insufficiency (Addison disease). Results should be interpreted in the context of clinical symptoms, including functional adrenal testing.

In males with adrenal insufficiency and 21-hydroxylase antibodies within the reference interval (less than 1.0 U/mL), X-Linked Adrenoleukodystrophy (X-ALD) should be excluded by using Very Long-Chain Branched Fatty Acids in plasma (ARUP Test Code 2004250) for screening.