

Laboratory Testing for Epilepsy

Our panels are carefully curated by ARUP pathologists and geneticists to include clinically significant genes, antibodies, and analytes associated with epilepsy.

ANSWERS
START HERE.

COMPREHENSIVE EPILEPSY PANEL

Use to determine the genetic etiology for unexplained epilepsy at any age of onset.

3001591 | Comprehensive Epilepsy Panel, Sequencing and Deletion/Duplication



Benefits

- Panel detects 240 genes and includes genes associated with Mendelian forms of idiopathic epilepsy and syndromic epilepsy.
- Comprehensive coverage increases diagnostic yield and identifies conditions across the broad spectrum of epilepsy types.

AUTOIMMUNE EPILEPSY PANELS

Use to evaluate patients with a neurologic phenotype consisting predominantly of new acute- to subacute-onset epilepsy that is refractory to antiseizure medications.

3006204 | Autoimmune Epilepsy Panel, Serum

3006205 | Autoimmune Epilepsy Panel, CSF

Benefits

- Panel covers 16 antibodies associated with epilepsy, including GABA-AR.
- Results may aid in diagnosis, support treatment decision-making, facilitate clinical trial enrollment, and guide the search for malignancy.

PYRIDOXINE-DEPENDENT EPILEPSY PANELS

Use to diagnose and monitor patients with pyridoxine-dependent epilepsy.

2013352 | Pyridoxine-Dependent Epilepsy Panel, Serum or Plasma

2013355 | Pyridoxine-Dependent Epilepsy Panel, Urine