

Patient: [REDACTED]  
DOB: [REDACTED] Age: 13 Gender: M  
Patient Identifiers: [REDACTED]  
Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
Physician: [REDACTED]

ARUP Test Code: 2005763  
Collection Date: 07/03/2018  
Received in lab: 07/06/2018  
Completion Date: 07/13/2018

## Interpretation

Specimen received

Specimen type: Peripheral Blood  
Reason for referral: Learning difficulty, Abnormal white matter  
on brain found during MRI of brain, Thyroglossal duct cyst,  
Convulsions, Dyslexia  
Test performed: Chromosome Analysis

### Laboratory analysis

Number of cells counted: 20  
Number of cells analyzed: 5  
Number of cells karyotyped: 5  
ISCN Band level: 550  
Banding Method: G-Banding

Chromosome Results: 46,XY

This specimen is being reflexed to genomic microarray.

### Diagnostic Impression:

Metaphase cells analyzed revealed a normal male chromosome complement. The standard cytogenetic methodology used in this analysis may not detect small rearrangements or low level mosaicism, and cannot detect submicroscopic deletions or duplications that are detectable by microarray analysis.

This result has been reviewed and approved by [REDACTED]

Electronic Signature

NOTE: Only the **Chromosome Analysis, Peripheral Blood** results are reported on this enhanced report. When the result of Chromosome Analysis is "normal," **Cytogenomic SNP Microarray** is performed. If the genomic microarray is performed, those results can be accessed via a patient report or electronic medical records system after the genomic microarray has been completed.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement C: [aruplab.com/CS](http://aruplab.com/CS)



Patient: [REDACTED]  
ARUP Accession: 18-184-140845  
[REDACTED]

# Chromosome Analysis, Peripheral Blood, with Reflex to Genomic Microarray

Patient: [REDACTED] | Date of Birth: [REDACTED] | Gender: M | Physician: [REDACTED]  
Patient Identifiers: [REDACTED] | Visit Number (FIN): [REDACTED]

Slide ID: [REDACTED]

