

HOTLINE: Effective August 15, 2022

2006540

Aortopathy Panel, Sequencing and Deletion/Duplication

AORT PANEL

**Methodology:** Massively Parallel Sequencing  
**Performed:** Varies  
**Reported:** 3 weeks

**Specimen Required:** Collect: Lavender or pink (EDTA) or yellow (ACD solution A or B).

Specimen Preparation: Transport 3 mL whole blood. (Min: 2 mL)

Storage/Transport Temperature: Refrigerated

Unacceptable Conditions: Serum or plasma; grossly hemolyzed or frozen specimens; saliva, buccal brush, or swab; FFPE tissue.

Stability (collection to initiation of testing): Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

**Note:** Genes tested: *ACTA2*, *BGN*, *CBS*, \**COL1A1*, *COL1A2*, \**COL3A1*, *COL5A1*, \**COL5A2*, *EFEMP2*, *FBN1*, *FBN2*, *FLNA*, *FOXE3*, \**LOX*, *MFAP5*, *MYH11*, *MYLK*, \**NOTCH1*, \**PLOD1*, *PRKG1*, *SKI*, *SLC2A10*, *SMAD2*, *SMAD3*, *SMAD4*, *TGFB2*, *TGFB3*, \*\**TGFBR1*, *TGFBR2*

\*One or more exons are not covered by sequencing and/or deletion/duplication analysis for the indicated gene; see Additional Technical Information.

\*\*Deletion/duplication detection is not available for this gene.

**CPT Code(s):** 81410; 81411

**HOTLINE NOTE:** Remove information found in the Remarks field.