

HOTLINE: Effective August 15, 2022

---

**2008848**      **Holoprosencephaly Panel, Sequencing and Deletion/Duplication**      **HPE PAN**

**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: *CDON*; *FGFR1\**; *GLI2*; *PTCH1*; *SHH*; *SIX3*; *TGIF1*; *ZIC2\**

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

**CPT Code(s):** 81479

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