

## California Prenatal Screening Program

### Additional Information For Providers About California State-Contracted cfDNA Laboratories

#### Revvity Omics Vanadis cfDNA (Allied Laboratories)

**1. Methodology for cfDNA analysis?**

Unique target fragments on the chromosomes of interest are isolated and incorporated into probes designed specifically for each of these fragments. An innovative process called rolling circle replication amplifies the fragment to make a long chain with thousands of copies of the original targeted fragment. A specific colored fluorescent probe that is unique to a given chromosome binds to this chain. These chains then collapse into small DNA objects that are placed in a powerful imager that then counts the number of fluorescent objects. By comparing ratios of the DNA objects, software can then determine whether there is an excess of counts from a given chromosome and whether that indicates that the sample may have come from an affected pregnancy.

**2. Can I have additional tests performed on the specimen I send for Prenatal Screening Program through Revvity Omics?**

- a. No

**3. How do patients consent to additional tests?**

- a. Not applicable

**4. Are you CLIA-certified? Yes**

- a. Allied Laboratories Inc. – CLIA# 05D0605512

**Are you certified by California Laboratory Field Services (LFS)? Yes**

- a. Allied Laboratories, Inc. – CLF# 21

**5. Where is the location of your lab(s) where my patients' specimens will be processed in California?**

The performing labs for Revvity Omics are located at:

Allied Laboratories, Inc.,  
453 Ravendale Dr Ste B,  
Mountain View, CA 94043