

Signature Genomics

SignatureChipOS™
PrenatalChip@OS
PrenatalChip@TE
Signature Precision Panel™ | Prenatal

DNA Acceptance Policy for Constitutional Specimens

To achieve this, Signature needs to receive DNA samples prepared under the best possible conditions. The following are some guidelines and requirements for Signature Genomics to process prepared patient DNA.

Signature Genomics is focused on providing clinicians and their patients with optimal results.

To prepare DNA from samples used in constitutional testing:

- We recommend using a Gentra Puregene or 5 PRIME ArchivePure DNA extraction kit for all patient samples.*
- We require at least 10 micrograms of DNA preferably suspended in Tris EDTA (TE) for all Signature microarrays, and 7–10 micrograms for Signature Precision Panel™ | Prenatal.
- All DNA received is re-quantified at Signature Genomics by a spectrophotometer prior to analysis.
- All DNA received is assessed by gel electrophoresis for degradation prior to proceeding with testing.
- If a sample is deemed sub-optimal for testing, the physician or counselor/contact will be notified.
- In the event that the DNA sample is deemed to be sub-optimal and the physician still wishes to proceed with the test, there will be a charge of 50% of the list price to cover Signature Genomics' processing costs if the assay fails to yield interpretable results.
- Please be advised that FISH confirmation of an abnormality seen on the microarray cannot be performed when submitting DNA only. For FISH confirmation of results please submit a harvested cytogenetic pellet along with the DNA specimen.

If you have any further questions on submitting DNA for analysis, please contact the laboratory at 1-877-SigChip.

* For Oncology Testing sample requirements (including DNA specimens), please refer to www.signaturegenomics.com/sample_requirements_oncology.html