

iGEN DNA extraction tech

New technology that improves your DNA extractions yields

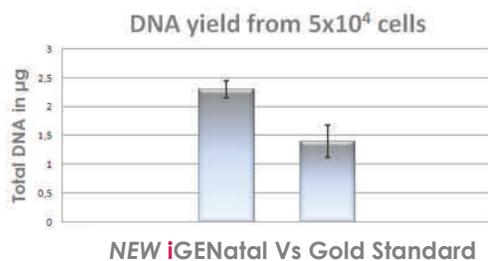
iGEN DNA extraction kits are based on an advanced technology developed by iGEN Biotech that provides better results in terms of yield and DNA quality to your DNA purification process. This new technology shows high performance, even from complex and limited samples.

These ready-to-use DNA purification kits are available for different types of samples: **prenatal** (amniotic fluid and chorionic villi), **blood**, **formalin-fixed paraffin embedded samples** and **liquid biopsies**.

Prenatal - New iGENatal Kit (CE-IVD)

“High DNA quality, maximum DNA quantity extracted from amniotic fluid and chorionic villus samples”. Suitable for array CGH and array SNP.

- Specifically designed for DNA extraction from **low cellularity samples**, such as prenatal samples
- It allows extraction of **70% more DNA quantity** with respect to Gold Standard
- The high-quality DNA extracted is suitable for **aCGH** and **aSNP**, among other, without need for previous cell culture
- Extraction time lower than **2 hours**



Competitive advantage

High DNA extraction yield, even from minimal amounts of sample

Minimum fragmentation and contaminants-free extracted DNA, making it suitable for RFLP, southern blot, microarrays, qPCR, MLPA, X-map and other

Quick and simple extraction procedure

Certified for use in *in vitro* diagnosis (CE-IVD)

iGENatal kit is considered the most efficient DNA extraction kit according to a scientific study from The UK National Health System.

Callaway JL., Huang S., Karampetsou E., et al. (2014) "Perspective on the technical challenges involved in the implementation of array-CGH in prenatal diagnostic testing". *Biotechnol. pp.*: 312-8.

Other Products

Whole blood

iGEN Hemokit (CE-IVD)

Specifically designed for blood samples with minimum sample size

Circulating cell-free DNA

iGEN cfDNA Kit (CE-IVD)

Easy-to-use solution for circulating cell-free DNA extraction from any body liquid (plasma, serum, urine and other cell free body fluids)

Formalin-fixed paraffin-embedded samples

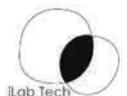
iGEN FFPE Kit (FRUO)

Specifically developed for FFPE tissue samples, provides a fine-tuned protocol for deparaffinization and DNA extraction with better performance, even from complex samples



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