Step into newborn sequencing.

Powering the next wave of genomic research.



Newborn research stands at the dawn of a whole new era. To date, standard research efforts have documented hundreds of disorders in the context of newborn health. However, less than 80 of them are actively investigated. Now, with the advent of sequencing technology, the limitations have been lifted.

Bringing simplicity to sequencing and featuring a curated gene panel - maintained by genomic experts, bioinformaticians and board-certified directors - Revvity's newborn sequencing workflow is powering the next frontier of research.

Unleash your laboratory's potential. Explore Revvity's newborn sequencing research workflow today.

Learn more

The human genome at a glance:

3 billion DNA base pairs

~20,000 genes total*

6 feet tall human DNA stretched out flat



*Estimated number of genes that produce proteins

Newborn sequencing with Revvity

A solution for every step





From dried blood spot card to final data analysis.

Revvity's lab workflow

- End-to-end solution
- Customizable workflow
- Hands-on NGS expertise

Multiple starting points

- Adopt full solution (DIY)
- End-to-end service
- Research report service
- Data generation service

Complete software suite

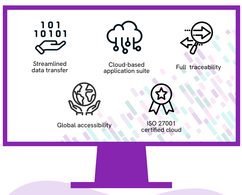
Revvity Genomics Software



- LIMS
- Analysis
- Interpret

Learn more about software

Software designed for the lab



Key specifications

- Software engineered by laboratory specialists
- Compatible with diverse laboratory setups
- Capable of analyzing dried blood spot samples, whole blood, buccal swaps and saliva

Analysis and assessment

>390: genes in our panel

17 research areas

Carefully curated & maintained gene panel

>100K : pre-curated variants with written assessment

Revvity lab service



Over **40K** samples processed



Validated in accordance with **CLIA, CAP, NY State, ISO15189** standards*



5 Revvity NGS labs globally*

Why Revvity?

>40 years experience, the leaders in newborn screening

>75 years providing dynamic research lab solutions

190: number of countries empowering academic & translational research

See how your lab can step into sequencing.

Learn more

For research use only. Not for use in diagnostic procedures.

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