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PerkinElmer, Honeycomb launch novel single-cell analysis solution

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Flagship product from Honeycomb Biotechnologies advances single-cell profiling by enabling scientists to capture, store and study fragile cell types



PerkinElmer and Honeycomb Biotechnologies have announced the commercial launch of the first of its kind HIVE scRNAseq Solution for single-cell isolation and analysis.

The HIVE solution leverages a portable, handheld device for the capture, storage and RNA-Seq library preparation of a diverse range of cell types, including fragile and labile cells such as granulocytes, nephrons, hepatocytes and neurons.

The HIVE solution requires no specialised instrumentation to use and expands opportunities for laboratories pursuing basic, translational, clinical and preclinical research.

Biological resolution at the level of individual cells is powering the next phase of precision health. By integrating sample capture and preservation into a single-use device, the HIVE solution makes it possible to collect samples from multiple sites and maintain sample integrity during storage, shipping and processing from a central testing lab. This provides unparalleled workflow efficiency and sample processing consistency through centralised analysis, which is of particular importance for multi-centre studies.