Merck now provides LiverPool™ Cryoplateable Human Hepatocytes, LiverPool™ Human Hepatocytes, Cryopreserved Human Hepatocytes, and Cryoplatable and Cryopreserved Human Hepatocytes from BioreclamationIVT.

BioreclamationIVT is a leader in producing high quality hepatocyte products that allow scientists and biomedical researchers to better understand the pharmacokinetics and drug metabolism of newly-discovered compounds and the effects on disease processes. LiverPool™ cryoplateable and cryopreserved hepatocytes are used to conduct toxicity, inhibition, and metabolism studies. LiverPool™ is a patented product that is blended to ensure sufficient activity levels in all CYP categories. LiverPool™ cryoplateable and cryopreserved hepatocytes are used to conduct toxicity, inhibition, and metabolism studies.

With activity equivalent to that of freshly isolated hepatocytes, BioreclamationIVT cryopreserved hepatocytes from Merck let you conduct experiments anytime. Hepatocytes are isolated and cryopreserved on the same day. Cryopreserved hepatocytes typically are used to study both phase I and phase II metabolism. Several lots of Primary Human Hepatocytes will be inventoried and available for purchase for purposes sampling and lot reservations. For pricing and availability, click on the link here .

Key benefits of primary human hepatocytes include:

- Convenience: no waiting for fresh livers

Cryoplateable Human Hepatocytes

Cryopreserved Primary

Human Hepatocytes

Pooled Cryopleateable and Cryopreserved Human Hepatocytes

Characterization

Full Characterization – Known phenotypes and donor demographics

Characterized for a wide range of enzyme activities

All LiverPool™ products are fully characterized across numerous

substrates to ensure consistency and reliability.

Quality

Established responsiveness to inducers

Cells have >80% viability

All LiverPool™ lots must meet and exceed stringent quality control

specifications prior to release.

Format Choice

High Throughput – Use in 96-, 384- and 1536-well plates.

Thaw and use when you're ready

Available in 5, 10, 20 and 50 donor pool sizes.

Reproducibility

Allows multiple experiments at different times from a single donor

Long shelf life allows multiple experiments at different times from

a single donor

Allows multiple experiments at different times from a single donor

Learn more about Merck's primary human hepatocyes: http://www.sigmaaldrich.com/technical-documents/articles/biology/bioreclamationivt-cryo-primary-human-hepatocytes.html