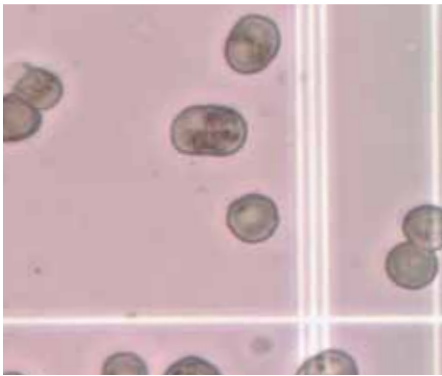


the power of ten in a single vial

Introducing Gibco® HEP10™ Pooled Cryopreserved Human Hepatocytes—made with CellStream Isolation Technology™



Get the convenience, affordability, and power of a pooled population of hepatocytes in a single vial. HEP10™ Pooled Hepatocytes give you a representative population of 10 different donors, allowing for consistent, predictable results.

HEP10™ Pooled Hepatocytes are made using our novel, patent-pending CellStream Isolation Technology™. This process eliminates the disadvantages of density-gradient fractionation prior to cryopreservation of the pool, and instead gently isolates and purifies the prescreened, high-viability, and metabolically active hepatocytes from other cells and debris. The result is a remarkably pure pooled hepatocyte preparation with high viability that is designed for use in drug metabolism studies and other biological assays.

Figure 1. HEP10™ Pooled Hepatocytes made using CellStream Isolation Technology™.

HEP10™ Pooled Hepatocytes are useful in a wide variety of applications, including intrinsic clearance, transport, toxicology, and basic hepatocyte cell biology experiments:

- Ten individual donors in one vial
- Large lots available for long-term, reliable results
- Equal representation from each of the 10 donors (5 female and 5 male donors)
- Each pool is characterized for CYP1A2, CYP2B6, CYP2C8, CYP2C9, CYP2C19, CYP2D6, CYP2E1, CYP3A4, CYP3A4/5, FMO activity, and NTCP, OATP1B3, and OATP transporter pathways
- CellStream Isolation Technology™ results in highly pure, healthier cells for optimal results
- Design your own custom pool with our broad array of high-quality single-donor cells

CYP450 enzymatic activity data for HEP10™ cells

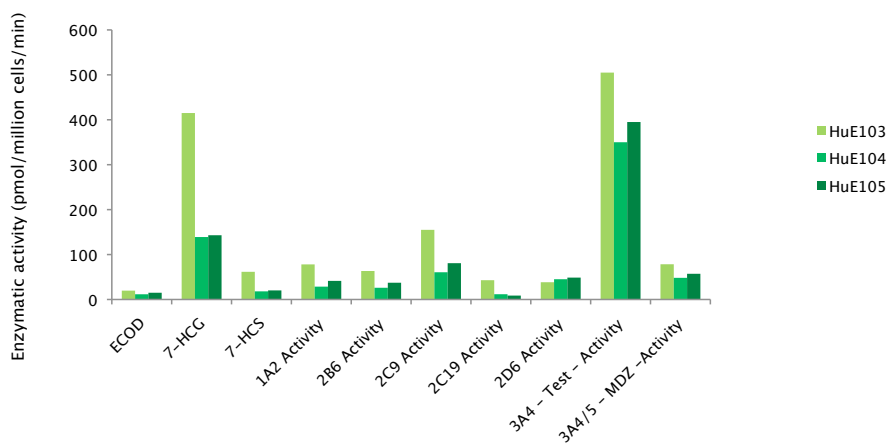


Figure 2. Cytochrome P450 enzyme activity from 3 HEP10™ lots. The data show typical responses to positive controls for the major CYP450 enzymes as well as minimal inter-lot variability.

Ordering information

| Cat. No. | Product |
|----------|--|
| HMCS10 | HEP10™ Pooled Cryopreserved Human Hepatocytes, 4–8 million cells |

Life Technologies offers a breadth of products DNA | RNA | PROTEIN | CELL CULTURE | INSTRUMENTS

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Headquarters

5791 Van Allen Way | Carlsbad, CA 92008 USA | Phone +1.760.603.7200 | Toll Free in the USA 800.955.6288

www.lifetechnologies.com

