

# LiverPool™ 5-, 10-, 20- and 50-Donor Purpose-Pooled<sup>SM</sup> Cryopreserved Human Hepatocytes\*

BioreclamationIVT provides purpose-pooled<sup>SM</sup> hepatocytes designed for your unique purposes that have the characterization and quality you need for your research. LiverPool hepatocytes are used to conduct toxicity, inhibition and metabolism studies.

## Features and Benefits

- **Purpose-Pooled:** A proprietary algorithm, drawing up a cell database of known substrate performances, selects hepatocyte lots from a well-characterized cell bank to achieve targeted enzyme levels
- **Characterization:** All LiverPool products are fully characterized across numerous substrates to ensure consistency and reliability
- **Format Choice:** Available in 5-, 10-, 20- and 50-donor pool sizes
- **Savings:** In both time and money, LiverPool hepatocytes enable researchers to eliminate pooling procedures, characterization testing and costly multi-donor work
- **Large Lot Sizes:** All contributory hepatocyte lots are sourced from whole, intact, transplant-quality livers, ensuring each donor lot can create large product sizes. This enables researchers to have great consistency across multiple experiments.
- **Quality:** All LiverPool lots must meet and exceed stringent quality control specifications prior to release.
- **Custom Product Design:** The LiverPool Purpose-Pooling technique allows researchers to order specific product specifications and donor pool sizes and creates custom products to suit.

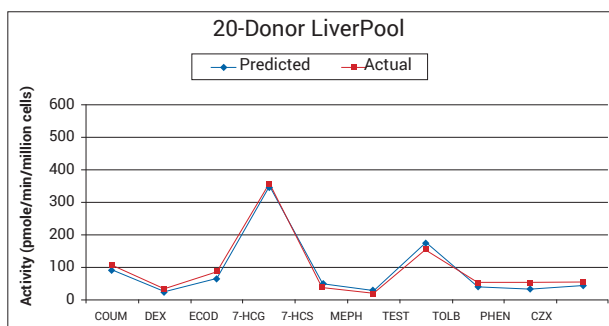
LiverPool hepatocytes are created using a proprietary pooling technology and a proven database algorithm, LiverPool hepatocytes enables researchers to study multiple single-gender or mixed-gender donors in a single experiment.

\* The process for producing the LiverPool™ pooled human hepatocyte products is covered by one or more U.S. or foreign patents and patent applications, including U.S. Patent No. 7,604,929.

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## Technical Information

Our patented LiverPool product is blended to ensure sufficient activity levels in all CYP categories. BioreclamationIVT can also prepare a custom-blended LiverPool product that enables you to choose the activities critical for your study and will be prepared to your specifications. This makes your research more focused and productive. With our large lots sizes and ability to reproduce activity levels, your research results are consistent and repeatable. You benefit from clear data that helps speed discovery and pre-clinical research.



Targeted and actual data enzyme characterization from a LiverPool 20-donor purpose-pooled cryopreserved hepatocyte lot.

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## Ordering Information

BioreclamationIVT LiverPool 5-, 10-, 20- and 50-donor purpose-pooled cryopreserved human hepatocytes are readily available for purchase as 5 million viable cells per vial with greater than 80% viability.

Product No.	Description
X008052	5-Donor Purpose-Pooled Cryopreserved Human Hepatocytes, Mixed Gender
X008001	10-Donor Purpose-Pooled Cryopreserved Human Hepatocytes, Mixed Gender
FX008001	10-Donor Purpose-Pooled Cryopreserved Human Hepatocytes, Female Pool
MX008001	10-Donor Purpose-Pooled Cryopreserved Human Hepatocytes, Male Pool
X008000	20-Donor Purpose-Pooled Cryopreserved Human Hepatocytes, Mixed Gender
X008005	50-Donor Purpose-Pooled Cryopreserved Human Hepatocytes, Mixed Gender

## Characterization Information

Product No.	Lot No.	Description	Viability	PHEN	COUM	TOLB	MEPH	DEX	CZX	TEST	ECOD	7-HCG	7-HCS
X008052	EDO	5-Donor, Mixed Gender	87%	17	122	30	3	14	32	101	82	368	41
FX008001	VEK	10-Donor, All Female	89%	61	80	23	8	24	43	145	108	396	37
MX008001	PTL	10-Donor, All Male	85%	34	96	25	16	19	82	121	133	467	49
X008001	UGK	10-Donor, Mixed Gender	88%	23	107	31	9	17	36	121	88	391	30
X008000	PDI	20-Donor, Mixed Gender	86%	32	95	64	10	28	31	115	95	476	39
X008005	VRR	50-Donor, Mixed Gender	88%	27	90	57	10	24	31	152	59	419	44

\* Note: Units are pmol metabolite/min/10<sup>6</sup> cells.  
(COUM: coumarin, DEX: dextromethorphan, ECOD: ethoxycoumarin, 7-HCG: 7-hydroxycoumarin glucuronide, 7-HCS: 7-hydroxycoumarin sulfate, MEPH: S-mephenytoin, TEST: testosterone, TOLB: tolbutamide, PHEN: phenacetin, CZX: chlorzoxazone)



For more information about BioreclamationIVT product offerings, go to [bioreclamationivt.com](http://bioreclamationivt.com).

LiverPool™ is a trademark of BioreclamationIVT.

Purpose-Pooled is a service mark of BioreclamationIVT.

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