Fresh Animal Hepatocytes
As a main provider of fresh animal hepatocytes to the pharmaceutical industry, Sekisui XenoTech offers a variety of clinically-relevant species. Fresh hepatocytes are available in suspension or cultured on collagen coated plates and are an ideal alternative to in vivo testing.

Species available:
- Mouse (CD1)
- Rat (Sprague-Dawley)

Formats Available:
- 6-well plate
- 12-well plate
- 24-well plate
- 48-well plate
- 96-well plate
- Suspensions

XenoTech makes it easy to plan ahead. We post our fresh animal isolation calendar online two months prior to the isolations, giving you ample time to schedule studies and order the products you need.

Custom Hepatocyte Preparations
Don’t see what you’re looking for? No problem; Sekisui XenoTech routinely prepares custom fresh and cryopreserved animal hepatocytes. Let XenoTech’s experienced, dedicated custom products team prepare your next lot of animal hepatocytes.

Hepatocyte Media

OptiThaw Hepatocyte Kit (K8000 & K8100) OptiTHAW
Sekisui XenoTech’s OptiThaw hepatocyte kit contains a nutrient-rich media used in thawing and isolating cryopreserved cells. The OptiThaw kit makes it easy to achieve maximum cell yield and viability for each preparation. The kit includes cell culture media optimized for thawing cryopreserved hepatocytes plus our OptiCount solution for determining cell yield and viability counts.

OptiPlate Hepatocyte Media (K8200) OptiPLATE
XenoTech’s OptiPlate media is used when plating attachable and inducible cryopreserved dog, monkey, mouse, rat, etc. hepatocytes. It is necessary to re-suspend the cell pellet in OptiPlate hepatocyte media before seeding the cells onto culture dishes. Plateable cells resuspended in this media attach to most collagen-coated surfaces.

OptiCulture Hepatocyte Media (K8300) OptiCULTURE
XenoTech’s OptiCulture hepatocyte media is recommended for maintaining attachment of cryopreserved Beagle dog, Cynomolgus monkey, CD1 mouse, Sprague-Dawley rat cultured hepatocytes, as well as fresh plated hepatocytes. This media is recommended for feeding and dosing of cultured hepatocytes.

OptiIncubate Hepatocyte Media (K8400) OptiINCUBATE
Sekisui XenoTech’s OptiIncubate hepatocyte media is recommended for both fresh and cryopreserved hepatocyte suspension and plated incubations.

OptiMatrix Hepatocyte Overlay (K8600-50) OptiMATRIX
XenoTech’s OptiMatrix increases confluency, preserves viability, structure and appearance, assists network formation, and improves excretory function when plating hepatocytes.