

Product Name: Porcine Gallbladder Organoid

Cat. No.: RONO-2603-CXX-034

Description: Porcine gallbladder organoids are 3D models derived from pig gallbladder epithelial cells that replicate the structure and function of the porcine gallbladder.

Product Details

Advantages	These organoids are valuable for disease modeling, drug testing, and investigating gallbladder responses to treatments in porcine models.
Species	Porcine
Product Type	Tissue-derived Organoid
Growth Properties	Embedded 3D Culture
Growth Conditions	Cultured at 37°C under 95% air and 5% CO ₂ .
Quality Control	Negative for mycoplasma, bacteria, yeast, and fungi.
Tissue	Gallbladder
Disease	Normal
Format	Frozen
Organoid Characterization	They recapitulate key features including cholangiocytes, gallbladder epithelium, and mucus production, providing a system for studying gallbladder diseases, biliary tract pathologies, and gallstone formation.

Application

Tissue-derived organoids are broadly applied in drug screening, disease modeling, mechanistic research, personalized medicine, and regenerative medicine. Through authentic modeling of disease states, they provide a robust platform for evaluating patient-specific drug responses and supporting individualized treatment design. Moreover, these organoids support the development of novel therapeutic modalities, especially in oncology and tissue regeneration, offering precise experimental systems that significantly advance precision medicine.

Storage & Handling

Storage	Liquid Nitrogen
Shipping Information	Dry Ice

⚠ For preclinical research and development use only; not intended for therapeutic or other applications.