

Cat No. RCDH001N: 8.2×10^6 cells/vial Lot No. A01OD15

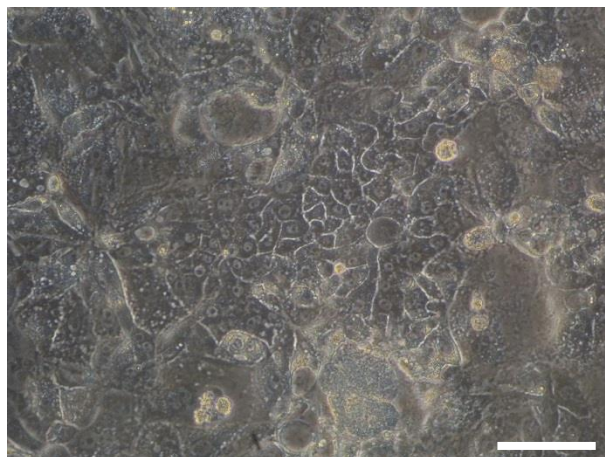
*Store in liquid nitrogen

■ Properties and biological tests

Viability	87%
Mycoplasma ⁽¹⁾	Negative

⁽¹⁾Mycoplasma detection performed by PCR analysis.

■ Morphology at Day 8 after thawing

Scale: 100 μ m

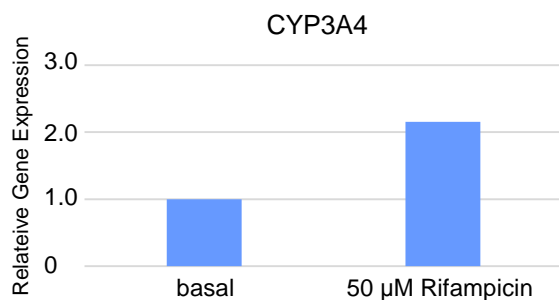
■ Gene expression analysis

Methods

ReproHepato were cultured in 24-well Matrigel-coated plates for 8 days.

Gene expression level was measured by RT-PCR. The induction of CYP3A4 was observed from day 6-9 after exposure to 50 μ M Rifampicin.

Results



The expression level of CYP450 for experiment is normalized to the basal level value of 1.0. Relative expression level of CYP3A4 was measured on ReproHepato cells grown in ReproHepato Assay Medium after exposure to drug. The bar represents the average data of triplicate samples. Rifampicin experiment contains trace amount of DMSO solvent (used to solubilize drugs).