

Certificate of Analysis

Product NamePrimary Human Hepatocytes, Induction Qualified, PlateableCat NumberT0128Lot NumberHUM4055BQuantity1 x 10 ⁶ cells/1.0mlSource OrganLiverFreezing MediumCryopreservation Medium (TM024)Date of CryopreservationFeb 26, 2015QC Evaluation MediumPriGrow X (TM100)Donor DemographicsSexFemale, CaucasianAge54Monolayer AssessmentCentrifuge Conditions100 g for 8 minutes% Viability (post-thaw)90%Monolayer Confluency after 48 hours in culture85%	Produ	ct Description							
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Monolayer Confluency 85%	-			85%					
after 48 hours in culture	Monolayer Confluency			9 5 0/					
	after 48 hours in culture				83%				
Well format 24-well	Well format			24-well					

HUM4055B, 48 hrs, 10X

Induction								
lsoforms	Control Inducer	Fold Induction Specific Activity (72 hours)	Fold Induction mRNA (48 hours)					
CYP1A2	50µM Omeprazole	22.8	14.2					
CYP2B6	1 mM Phenobarbital	19.6	6.7					
CYP3A4	10µM Rifampicin	4.7	9.6					

Cryopreserved human hepatocytes were thawed and plated on 24-well collagen I coated plates, overlaid with Matrigel[®], then dosed in triplicate with vehicle control (0.1% DMSO) or control inducers. The fold induction was calculated by dividing the induced level by the vehicle control level.

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Please contact a technical service representative for more information.

No. 8, 13520 Crestwood Place Richmond BC, Canada V6V 2G2 T e l : 6 0 4 - 2 4 7 - 2 4 1 6 F a x : 6 0 4 - 2 4 7 - 2 4 1 4 w w w . a b m G o o d . c o m