

Product sheet

HROC24 T1 M1 | 300813

Description	2006	PDTx	Michael Linnebacher				
Organism							
Tissue	PDx		UICC I	TNM	T2N0M0R0L0V1	G2	Lk(n) + 0 Σ Lk(n) 13
Disease							
Metastatic site	UICC	I	TNM	T2N0M0			
Applications	MSI-H	BRAF V600E				PDx	HROC
Synonyms	HROC24x						
Age	98						
Gender							
Ethnicity							
Morphology							
Cell type							
Growth properties							
Citation	HROC24 T1 M1 Cytion 300813						
Biosafety level	1						
NCBI_TaxID	9606						
CellosaurusAccession	CVCL_1U80						

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GMO Status		PD Dr. Linnebacher					MSI-H				
Tumorigenic											
Viruses		SV40	JC/BK	HBV	HCV	HIV					
Ploidy status											
MSI-status		MSI-H									
Mutational profile		APC	p53	K-Ras	N-Ras	H-Ras	B-RAFV600E	PIK3CA			
Culture Medium		DMEM	Ham's F12	1:1	3.1 g/L	2.5 mM L-	15 mM HEPES	w: 0.5 mM	w: 1.2 g/L NaHCO ₃	Cytion	
Supplements		10%	FBS								
Dissociation Reagent		Accutase									
Doubling time		20									
Subculturing				PBS	T25	3-5	PBS T75	5-10	Accutase	T25	1-2
Split ratio		1	3								
Seeding density		$2 \times 10^4 / \text{cm}^2$									
Fluid renewal		3	5								
Post-Thaw Recovery											
Freeze medium		FBS + 10% DMSO					CM-1	Cytion	800100		

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Thawing and
Culturing Cells

1.
2. -150°C 3
3. 37°C 40-60
4. 70%
5. 8 15
6. 300 x g 3
7. 10 T25 T25
8.

Incubation
Atmosphere

37°C 5% CO₂

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 °C -80 °C

Sterility

PCR