

CERTIFICATE OF ANALYSIS – DONOR DATA

ORGAN:	Human Liver	Brain Death	DCD	TISSUE ID:	
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DONOR DEMOGRAPHICS				
Age	Sex	Race	BMI	Cause of Death

MEDICAL AND SOCIAL HISTORY	
Medical History	
Medication(s)	
Alcohol	
Tobacco	
Illicit Drug(s)	

LABORATORY BLOOD RESULTS		
Blood Type		HLA Typing
BLOOD CULTURE RESULTS		
	Organisms if positive	
INFECTIOUS DISEASE RESULTS		
The donor was tested and found non-reactive to	HIV-1/2 Syphilis	Hepatitis-B Hepatitis-C
Any other serological tests with positive results		

FINAL LAB PROFILE							
Total Bili		Direct Bili		AST		ALT	
TP		Alk Phos		PT		PTT	

AUTHORIZATION RESTRICTIONS	
No	Yes, explain

Signature: Gay D. Walters Date: _____

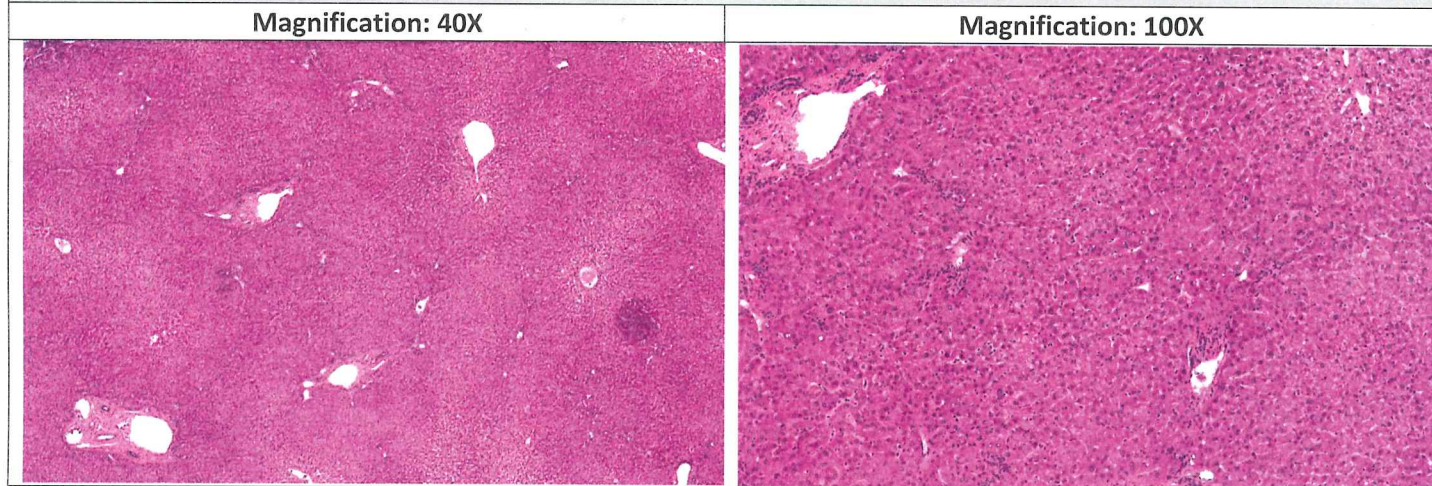
Print Name: _____ Title: _____

Authorization was obtained from the donor or the donor’s legal next of kin, for use of the tissue and its derivatives for research purposes. Caution: The user should treat all human cells as potential pathogens. Wear protective clothing and eyewear. Practice appropriate disposal techniques for potentially pathogenic or biohazardous materials. For research use only. Not intended for human or animal therapeutic or diagnostic use.

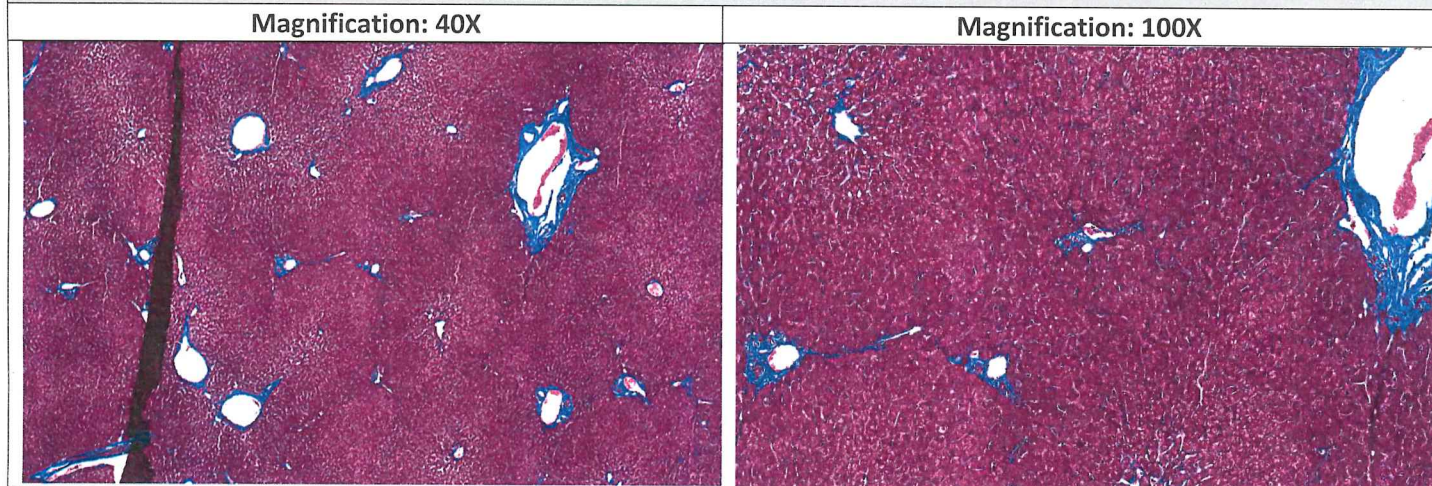
For more information: cells_tissues@lifenethealth.org

CELL TYPE:	Primary Human Hepatocytes	Lot No:	2013556
Storage Condition:	Cryopreserved in Vapor Phase Liquid Nitrogen (< -150°C)		

H&E - REPRESENTATIVE IMAGES



TRICHROME - REPRESENTATIVE IMAGES



HISTOPATHOLOGICAL SCORING

NAS Score*	Steatosis Score	Lobular Inflammation Score	Hepatocyte Ballooning Score	Fibrosis Stage
0	0	0	0	0

*NAS scores 0-2 are not considered diagnostic of NASH, scores of 3-4 can be considered diagnostic of NASH with high interobserver variability, and scores of 5-8 are diagnostic of NASH.

Additional Information/Comments:
No significant histopathologic abnormality. No significant steatosis, fibrosis, or chronic inflammation. Few marginating neutrophils, suggestive of a "surgical hepatitis" which may have resulted from recent abdominal surgery or trauma.

Signature: Kristina Wolf Date: 11 Sep 2020
Print Name: Kristina Wolf Title: Scientist, R+D Life Sciences

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