

Certificate of Analysis

Human Pooled Liver Lysosomes

FOR RESEARCH USE ONLY. Not intended for human or animal diagnostic or therapeutic uses. Users need to wear personal protective equipment during work.

Catalog number: LYS-H

Batch numbers: LYS-H-1

1. Specific Content and Enzymes Activities

Enzyme		
Acid phosphatase	Units / ml	0.162
Cathepsin B	Units / mg protein	115 ± 8
RNase detection		Activity Confirmed

2. Product Information

Storage conditions	-80 °C
Shipping conditions	Dry ice
Packaging	0.25 ml with at least 2.5 mg/ml protein content
Final protein content	2.65 mg/ml
Production date	27 April 2024
Expiry date	5 Years

3. Viral RNA Detection by qPCR

Virus	Specification	Result	
Hepatitis B		Positive <input type="radio"/>	Negative X
Hepatitis C	Negative	Positive <input type="radio"/>	Negative X
HIV-1 and HIV-2		Positive <input type="radio"/>	Negative X

4. Donor Information

Donor ID	Sex	Ethnicity	Age	Tobacco use	Alcohol use	Pathology or Cause of Death
LIV100080	F	Caucasian	56	No	No	Colorectal cancer with metastases
LIV100081	F	Caucasian	61	No	Yes	Colorectal cancer with metastases
LIV100082	M	Caucasian	78	No	No	Cholangiocarcinoma
LIV100083	F	Caucasian	48	Yes	Yes	Cystadenoma
LIV100084	M	Caucasian	52	No	Yes	Colorectal cancer with metastases
LIV100087	M	Caucasian	57	Yes	Yes	Colorectal cancer with metastases
LIV100088	F	Caucasian	43	Yes	No	Colorectal cancer with metastases
LIV100090	M	Caucasian	64	No	Yes	Cholangiocarcinoma
LIV100092	M	Caucasian	67	No	No	Hepatocellular carcinoma
LIV100093	F	Caucasian	54	No	No	Colorectal cancer with metastases

5. Visa for Batch Release

Name
Andrey Simonov

Signature


Date
12/08/2024