


ここに記載の情報はロット毎に異なりますので、ご注意ください。
 コスモ・バイオ株式会社



 コスモ・バイオ株式会社 COSMO BIO CO. LTD.	KOJ Human Serum (AB type) 100ML
	Cat. 12181301
	Lot. A14006

CERTIFICATE OF ANALYSIS

AB Human Serum

Expiration Date: June 30, 2024

Country of Final Processing: United States

Shipping: Material shipped by Air Freight or Truck at $\leq -20^{\circ}\text{C}$

Lot#: A14006

Preservative: None

Storage: $\leq -20^{\circ}\text{C}$

Filtration: 0.2 μm Sterile Filter

TEST	UNIT	RESULTS
Appearance	N/A	Straw-colored liquid
Hemoglobin	mg/dL	5.50
Endotoxin	EU/mL	< 0.1
Mycoplasma, Barile	N/A	Not Detected
Osmolality	mOsm/kg	297
Sterility	N/A	Negative for Growth
pH	N/A	7.71
BIOCHEMICAL ASSAY		
AST (SGOT)	IU/L	19
ALT (SGPT)	IU/L	14
Total Bilirubin	mg/dL	0.1
Blood Urea Nitrogen (BUN)	mg/dL	11
Cholesterol	mg/dL	125
Glucose	mg/dL	99
Triglyceride	mg/dL	75
Creatinine	mg/dL	0.9
Total Protein	g/dL	5.2
Albumin	g/dL	3.6
Globulin	g/dL	1.6
A/G Ratio (Calc)	N/A	2.3
Albumin/Creatinine Ratio	g/mg Cr	4.0
Carbon Dioxide	mEq/L	20
Calcium	mg/dL	7.8
Potassium	mEq/L	3.6
Sodium	mmol/L	168
Phosphorus	mg/dL	3.0
Chloride	mmol/L	90
SPECIES IDENTIFICATION		
Cat	N/A	Not Detected
Cattle	N/A	Not Detected
Deer	N/A	Not Detected
Dog	N/A	Not Detected
Goat	N/A	Not Detected
Horse	N/A	Not Detected
Mouse	N/A	Not Detected
Pig	N/A	Not Detected
Rabbit	N/A	Not Detected
Rat	N/A	Not Detected
Sheep	N/A	Not Detected

LOT NUMBER: A14006

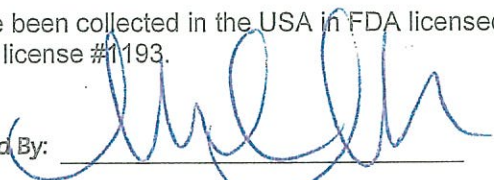
AB HUMAN SERUM

VIRAL MARKERS		
Anti-HIV I/II	N/A	Negative / Non-reactive
HBsAg	N/A	Negative / Non-reactive
Anti-HCV	N/A	Negative / Non-reactive
HCV RNA	N/A	Negative / Non-reactive
HIV-1 RNA	N/A	Negative / Non-reactive
HBV-DNA	N/A	Negative / Non-reactive
HTLV I/II	N/A	Negative / Non-reactive
West Nile Virus	N/A	Negative / Non-reactive
Syphilis	N/A	Negative / Non-reactive

The product is intended for in vitro or further manufacturing use.

Individual donor units used in the preparation of this product have been tested and found Non-reactive for HIV 1, HBV and HCV by Nucleic Acid Test performed on pooled samples with kits approved by the FDA.

All units have been collected in the USA in FDA licensed facilities and tested with FDA approved methods. Blood center license #1193.

Prepared By: 
 Print Name: Mariela Moreno
 Date: 5/28/15

Approved By: 
 Print Name: Jennifer Goodman
 Date: 05/28/15

LOT NUMBER: A14006

AB HUMAN SERUM

CERTIFICATE OF ORIGIN

AB Human Serum

Lot#: A14006

Expiration Date: June 30, 2024

Country of Raw Material Origin: United States

Country of Final Processing: United States

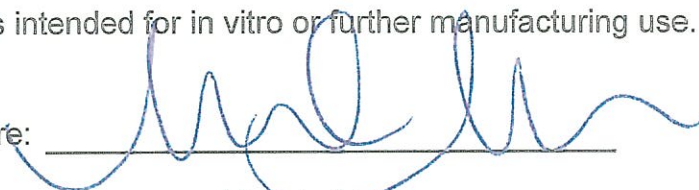
This is to certify that the human serum units used in the preparation of this product are of human origin. The units have been tested for HBsAg, Anti-HIV-1/2, Anti-HCV, HTLV-1/2, WNV, HBV-DNA, HIV-RNA and HCV-RNA and Syphilis by an approved FDA test and have been found to be non-reactive / negative.

All blood collected in the United States of America from human donors in FDA licensed centers and tested with FDA approved test kits.

CAUTION:

This material is intended for in vitro or further manufacturing use.

QA Signature: _____



Print Name: _____

Mariela Moreno

Date: _____

5/28/15

LOT NUMBER: A14006

AB HUMAN SERUM