

CERTIFICATE OF ANALYSIS

HUMAN SERUM PROTEIN

Human Sex Hormone Binding Globulin (SHBG)

Code No.	P145-4
Grade	Standard
Lot No.	

RECEIVER INFORMATION

Expiry Date	
Manufacture Date	
Storage Temperature	Store below -15°C.
Storage Notes	Avoid freeze thaw cycles.
Shipping Notes	Dry Ice recommended.

PRODUCT INFORMATION

Source	Normal human serum/plasma.
Nominal Purity	>40%.
Presentation	Single homogenous batch, 0.2µm filtered, supplied liquid frozen in 0.01M HEPES buffer, pH 7.4, containing 0.15M NaCl.
Recovery	In order to meet our customer needs, it should be noted that there is normally a dispensing overage allowance and the product recovery may, therefore, be greater than expected.

HEALTH AND SAFETY

Application	For Research and Manufacturing Only.
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Infectious Disease Tests

All donations of starting material are tested using FDA approved methods for:	Result
HIV 1 & 2 antibodies	
Hepatitis B surface antigen	
Hepatitis C antibodies	
HIV / HBV / HCV NAT	
Parvovirus B19	
Starting material donor tested using FDA approved methods for:	Result
Syphilis	

Precaution	No test can guarantee the absence of an infectious agent. Please handle as potentially hazardous.
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Material Safety	For further information and technical details, please download a Safety Data Sheet at www.bbisolutions.com or contact your BBI Account Manager.
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ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
<u>Determination Method</u>		
SHBG Concentration as Determined by Siemens Immulite	>0.5 mg/ml	mg/ml
SDS- Polyacrylamide Gel Electrophoresis	To show a band corresponding to a molecular weight of approximately 45kD	Pass/Fail
Protein Concentration as Determined by Pierce BCA Method	Report result	mg/ml
Bioburden	<100 cfu/ml	Pass/Fail
Physical Appearance	Frozen solution.	
Purity	Defined by SHBG immunoassay as a proportion of total protein by BCA protein assay.	

Name:		Position:	
Signed:		Date:	