

CERTIFICATE OF ANALYSIS

HUMAN SERUM PROTEIN

Sex Hormone Binding Globulin (SHBG)

Code No.	P145-5
Grade	Pure
Lot No.	

RECEIVER INFORMATION

Manufacturing Date

Expiry Date

Storage Temperature Ship at 2-8°C (Stability 3 weeks). Long term store at <-60°C.

Storage Notes Avoid freeze thaw cycles.

Shipping Notes Cool pack.

PRODUCT INFORMATION

Source Normal human serum/plasma.

Nominal Purity > 90%.

Presentation Single homogenous batch, supplied lyophilised, 0.2µm filtered from 0.02M NH₄HCO₃ solution. May contain traces of buffer salts.

Reconstitution Advice Use of phosphate buffer, pH >7.0 containing 0.15M NaCl, is recommended.

HEALTH AND SAFETY

Application For Research and Manufacturing Only.

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.

Material Safety For further information and technical details, please download a Safety Data Sheet at www.bbisolutions.com or contact your BBI Account Manager.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
<u>Determination Method</u>		
Optical Density at 280nm using $E^{0.1\%}_{1cm} = 1.22.$	$\geq 1.0 \text{ mg/ml} - \leq 2.0 \text{ mg/ml}$	mg/ml.
SDS- Polyacrylamide Gel Electrophoresis.	To show a major band corresponding to a molecular weight of approximately 45kD (corresponding to the half molecular weight subunit).	Pass/Fail.
Bioburden.	< 100 cfu/ml.	Pass/Fail.
<hr/>		
Physical Appearance	White freeze dried solid.	
<hr/>		
Purity	Defined by a major band $\geq 90\%$ on coomassie stained SDS-PAGE.	

Name:		Position:	
Signed:		Date:	