

CERTIFICATE OF ANALYSIS

HUMAN TISSUE PROTEIN

Human Prostate Specific Antigen (PSA)

Code No.	P117-8
Grade	Standard
Lot No.	

RECEIVER INFORMATION

Expiry Date

Manufacturing Date

Storage Temperature 2-8°C.

Storage Notes Do not freeze.

Shipping Notes Cool pack.

PRODUCT INFORMATION

Source Human seminal fluid from healthy donors of European and American origin.

Nominal Purity >40% of total protein by Lowry is PSA.

Presentation Single homogenous batch, 0.2 µm filtered, supplied liquid in a 0.05M phosphate buffer, pH 7.5 containing 0.15M NaCl and 0.09% NaN₃.

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.

Infectious Disease Tests

Starting material pool tested using FDA approved test methods for:	Result
HIV 1 & 2 antibodies	
Hepatitis B Surface Antigen	
Hepatitis C virus antibodies	
Syphilis	
HIV / HBV / HCV By PCR and NAT	

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>		
Radial Immunodiffusion (RID) vs. BBI Solutions Standard	>0.5 mg/ml	mg/ml
SDS-Polyacrylamide Gel Electrophoresis	To show a band corresponding to PSA molecular weight of 30kD	Pass/Fail
Cellulose Acetate Electrophoresis	To show a band corresponding to PSA γ electrophoretic mobility	Pass/Fail
Total Protein Determined by The Method of Lowry	Report result	mg/ml
Bioburden	<10 cfu/ml	Pass/Fail

Physical Appearance	Clear liquid.
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Purity Defined as PSA by RID as a percentage of total protein by Lowry.

Name:		Position:	
Signed:		Date:	