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Section: Serology Manual	Subject Title: Appendix VII Autoverification Process	
Issued by: LABORATORY MANAGER	Original Date: June 25, 2002	
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APPENDIX VII

AUTOVERIFICATION PROCESS

I. Introduction

To document the autoverification process.

Autoverification is the process by which the computer performs the initial verification of test results. Any value, that falls outside of the defined criteria, must be assessed by a technologist before release of results.

II. Procedure

1. The laboratory has a policy signed by the laboratory director approving the autoverification procedure.
 2. The results of autoverification is thoroughly tested, appropriately documented and signed by the section head/designee before implementation.
 3. If changes are made to the autoverification rules initially chosen and documented, the process is reverified as to its accuracy.
1. The autoverification process is checked yearly.

AUTOVERIFICATION FOR THE AXSYM INSTRUMENT POLICY:

The AxSYM instrument performs the following tests for the Serology department:

1. Hepatitis B Surface Antigen
2. Hepatitis B Surface Antibody
3. Hepatitis B Core Antibody

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4. Hepatitis A IgM Antibody
 5. Hepatitis B Core IgM Antibody
 6. Hepatitis Be Antigen
 7. Hepatitis Be Antibody
 8. Hepatitis C Antibody
 9. Rubella Antibody
 10. Cytomegalovirus IgG Antibody
 11. Transplant Screen
- Autoverification will occur as follows:

TEST NAME	SOFT TEST CODE	RESULT	TRANSLATION	ACTION	REFLEX TESTS
Hep B Surface Ag	8HAG	NEGATIVE	Negative	Autoposted Autoverified	
Hep B Surface Ag	8HAG	REACTIVE	Review?	NOT Autoposted NOT Autoverified	8HBC Hep B Core Ab
Hep B Surface Ab	8HAB	REACTIVE	POSITIVE	Autoposted Autoverified	
Hep B Surface Ab	8HAB	NEGATIVE	Negative	Autoposted Autoverified	
Hep B Surface Ab	8HAB	GZ-NEGATIVE	Neg	Not Autoposted Not Autoverified	
Hep B Core Ab	8HBC	REACTIVE	REACTIVE	Not Autoposted Not Autoverified	8HBC2
Hep B Core Ab	8HBC	NEGATIVE	Negative	Autoposted Autoverified	
Hep A IgM Ab	8HAV	REACTIVE	REACTIVE	Not Autoposted Not Autoverified	

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Hep B Core IgM Ab	8HBCM	REACTIVE	POSITIVE	Not Autoposted Not Autoverified	8HBC2
Hep Be Antibody	8HBEB	NONREACTIVE	NONREACTIVE	Autoposted Autoverified	
Hep Be Antibody	8HBEB	REACTIVE	REACTIVE	Autoposted Autoverified	
Hep Be Antigen	8HBEG	NONREACTIVE	NONREACTIVE	Autoposted Autoverified	
Hep Be Antigen	8HBEG	REACTIVE	REACTIVE	Autoposted Autoverified	
Rubella	8RUB	NEGATIVE	Negative	Autoposted Autoverified	
Rubella	8RUB	GRAYZONE	Negative	Autoposted Autoverified	