

Effective Date: May 23, 2025
Supersedes: January 29, 2009
Related Documents:

ENDOMYOCARDIAL BIOPSY

RA.SP.PR.GR.BX.07.r01

- I. Purpose**
To provide a procedure for gross examination of an endomyocardial biopsy specimen.
- II. Principle**
To submit all portions of tissue so that a diagnosis can be made microscopically by a Pathologist.
- III. Equipment**
 1. Ruler
 2. Forceps
 3. Blue biopsy sponges
- IV. Special Safety Precautions**
 1. PPE should be worn.
 2. **FORMALIN** is a known carcinogen.
- V. Supplies and Reagents**
 1. **10% NEUTRAL BUFFERED FORMALIN** (pH range 6.9-7.2)
 2. **Hematoxylin**
 3. **FA Buffer**
- VI. Quality Control**
All tissue should be submitted.
- VII. Limitations/Notes**
The following may influence the validity of test results:
 1. The specimen should be fixed in formalin.
 2. If the specimen arrives fresh, a portion should be transferred to FA buffer for immunofluorescence stains.

ENDOMYOCARDIAL BIOPSY

VIII. Procedure

1. The specimen will arrive either fresh or in formalin.
2. Using forceps, carefully remove all portions of tissue from the container.
3. Dictate the number of pieces, the size (greatest dimension – cm.), the shape, the color, and the consistency of the tissue.
4. If the specimen arrives fresh, place a portion in FA buffer for immunofluorescence stains.
5. Submit all remaining tissue in 1 cassette between blue sponges.
6. Ink the specimen with hematoxylin.
7. Ensure the correct protocol is ordered (the formalin fixed cassette #1 has an H&E, Congo Red, and Crystal Violet and the fresh tissue placed in FA buffer cassette #2 has immunofluorescence Kappa and Lambda stains). If the specimen is received in formalin, there will be no immunofluorescence stains and cassette #2 should be deleted.
8. Load the cassette on the next available processor to allow for proper fixation and processing.

IX. References

1. Hruban RH, Westra, WH, Phelps, PH, & Isacson, C: Surgical Pathology Dissection An Illustrated Guide, New York, NY, Springer-Verlag Inc., 1996.
2. Lester, SC: Manual of Surgical Pathology, New York, NY, Churchill Livingstone, 2001.

X. Authorized Reviewers

1. Medical Director, Anatomic Pathology
2. Chief, Surgical Pathology

XI. Document Control

Location of Master: Master electronic file stored on the Beaumont Laboratory server under S:\AP_Grossing_Manual

Number of Controlled Copies posted for educational purposes: 0



Number of circulating Controlled Copies: 1

Location of circulating Controlled Copies: Master Grossing Manual located in Surgical Pathology

Printed copies of this document are not considered up-to-date. Please verify current version date with online document.

ENDOMYOCARDIAL BIOPSY

Document History

Signature	Date	Revision #		Related Documents Reviewed/Updated
Prepared by: <i>Anne Tranchida PA(ASCP)</i>	1/29/2009	r00		
Approved by: <i>Ali-Reza Armin, MD</i>	10/24/2009	r00		
Reviewed by: (Signature)	Date	Revision #	Modification	Related Documents Reviewed/Updated
<i>Ali-Reza Armin, MD</i>	10/20/2011	r00		
<i>Ali-Reza Armin, MD</i>	4/2/2013	r00		
<i>Mitual B. Amin, MD</i>	2/14/2015	r00		
<i>Zhenhong H. Qu, MD</i>	3/11/2015	r00		
<i>Kurt Bernacki, MD</i>	10/27/2017	r00		
<i>Kurt Bernacki, MD</i>	10/21/2019	r00		
<i>Kurt Bernacki, MD</i>	10/20/2021	r00		
<i>Jawwad Arshad, MD</i>	3/20/2023	r00		
Revised by: <i>Heather Genson, HTL(ASCP)^{CM} PA^{CM}</i> 	5/23/2025	r01		
Approved by: 	5/23/25	r01		

Printed copies of this document are not considered up-to-date. Please verify current version date with online document.

