

Template for Reporting Results of Quantitative IHC Biomarker Testing of Specimens From Patients With Carcinoma

Version: 1.1.0.1

Protocol Posting Date: September 2023

The use of this protocol is recommended for clinical care purposes but is not required for accreditation

Authors

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With guidance from the CAP Cancer and CAP Pathology Electronic Reporting Committees. * Denotes primary author.

Accreditation Requirements

Completion of the template is the responsibility of the laboratory performing the biomarker testing and/or providing the interpretation. When both testing and interpretation are performed elsewhere (eg, a reference laboratory), synoptic reporting of the results by the laboratory submitting the tissue for testing is also encouraged to ensure that all information is included in the patient's medical record and thus readily available to the treating clinical team. This template is not required for accreditation purposes. At this point, the breast biomarker template should be used for ER, PR, Ki67, and HER2 reporting. The purpose of this template is to support a generic and extensible reporting framework for various IHC based biomarkers.

Summary of Changes

v 1.1.0.1

- Removed PD-L1 CPS answer report text to PD-L1 IHC question, so that "CPS" is now visible on the final report and corrected erroneous unit "cells"
- Updated "Specify Biomarker" question response from core (required) to optional, and added "Other (specify)" answer



Reporting Template	
Protocol Posting Date: September 2023	
Select a single response unless otherwise indicated.	
CASE SUBABAADV. (Overditetive IIIC Diamenton Deporting)	
CASE SUMMARY: (Quantitative IHC Biomarker Reporting)	
SPECIMEN INFORMATION	
+Case Identifier:	
+Block Designation:	
+Anatomic Site:	
+Diagnosis:	
+Biomarker(s) Assessed (select all that apply)	
PD-L1 IHC	
PD-L1 IHC Results	
+Interpretation	
Positive	
Negative	
Cannot be determined (indeterminate)	
+Percentage of Tumor Cells with Staining (TPS): %	
+Combined Number of Tumor and Immune Cells with Staining per 100 Tumor Cells (CPS):	
Charles Borgantage of Turney accepted Improve Calle with Staining	%
+Specify Percentage of Tumor-associated Immune Cells with Staining:	70
+Specify Percentage of Tumor Area Occupied by Tumor-associated Immune Cells:	

+Comments: PD-L1 IHC Methods	
+Antibody	
22C3	
SP142	
SP263	
28-8	
Other (specify):	
+Controls (select all that apply)	
Internal control cells present; expected immunoreactivity	
Internal control cells present; no immunoreactivity of either tumor cells or internal controls	
External controls available, expected immunoreactivity	
External controls available; no immunoreactivity in expected cells	
+Assay Information	
Food and Drug Administration (FDA) cleared test / vendor (specify):	
Laboratory-developed test	
+Specify Quantitative Imaging Analytics Performed:	
MMR IHC	

MMR IHC Results
+Interpretation
No loss of nuclear expression of MMR proteins
Loss of nuclear expression of MLH1 and PMS2
Loss of nuclear expression of MSH2 and MSH6
Loss of nuclear expression of only PMS2 or MSH6
Other (specify):
Cannot be determined (indeterminate)
+Comments:
MMR Staining
+Nuclear MLH1 staining
Intact
Loss
Other (specify):
+Nuclear PMS2 staining
Intact
Loss
Other (specify):
+Nuclear MSH2 staining
Intact
Loss
Other (specify):
+Nuclear MSH6 staining
Intact
Loss
Other (specify):
MMR IHC Methods
+Controls (select all that apply)
Internal control cells present; expected immunoreactivity
Internal control cells present; no immunoreactivity of either tumor cells or internal controls
External controls available, expected immunoreactivity
External controls available; no immunoreactivity in expected cells
+Assay Information
Food and Drug Administration (FDA) cleared test / vendor (specify):
Laboratory-developed test
+Specify Quantitative Imaging Analytics Performed:
HER2 IHC
HER2 IHC Results
+Interpretation
Positive
Negative
Equivocal
Cannot be determined (indeterminate)
+Scoring System
Breast
Gastric
Other (specify): +Score
0
o

2+
3+
Other (specify):
+Specify Percentage of Cells with Uniform Intense Complete Membrane Staining:
%
+Comments:
HER2 IHC Methods
+Antibody
HercepTest
4B5
SP3
Other (specify):
+Controls
External controls available, expected immunoreactivity
External controls available; no immunoreactivity in expected cells
+Assay Information
Food and Drug Administration (FDA) cleared test / vendor (specify):
Laboratory-developed test
+Specify Quantitative Imaging Analytics Performed:
Estrogen Receptor IHC
Estrogen Receptor IHC Results
+Interpretation
Positive
Negative
Cannot be determined (indeterminate) +Specify Tumor Cell Percent Positive:%
+Tumor Cell Staining Intensity
Strong
Moderate
Weak Other (specify):
+Comments: Estrogen Receptor IHC Methods
+Antibody SP1
SF1 6F11
_ · · ·
1D5
Other (specify):
+Controls (select all that apply)
Internal control cells present; expected immunoreactivity
Internal control cells present; no immunoreactivity of either tumor cells or internal controls
External controls available, expected immunoreactivity
External controls available; no immunoreactivity in expected cells
+Assay Information
Food and Drug Administration (FDA) cleared test / vendor (specify):
Laboratory-developed test
+Specify Quantitative Imaging Analytics Performed: Progesterone Receptor IHC
FIGURATIONE RECEDIOLING

Progesterone Receptor IHC Results
+Interpretation
Positive
Negative
Cannot be determined (indeterminate)
+Specify Tumor Cell Percent Positive: %
+Tumor Cell Staining Intensity
Strong
Moderate Moderate
Weak
Other (specify):
+Comments:
Progesterone Receptor IHC Methods
+Antibody
1E2
636
SP2
Other (specify):
+Controls (select all that apply)
Internal control cells present; expected immunoreactivity
Internal control cells present; expected infinitioneactivity Internal control cells present; no immunoreactivity of either tumor cells or internal controls
External controls available, expected immunoreactivity
External controls available; no immunoreactivity in expected cells
+Assay Information
Food and Drug Administration (FDA) cleared test / vendor (specify):
Laboratory-developed test
+Specify Quantitative Imaging Analytics Performed:
Ki-67 IHC
Ki-67 IHC Results
+Specify Tumor Cell Percent Positive: %
+Comments:
Ki-67 IHC Methods
+Antibody
MIB1
Other (specify):
+Controls
External controls available, expected immunoreactivity
External controls available; no immunoreactivity in expected cells
+Assay Information (e.g., Laboratory-developed Test):
+Specify Quantitative Imaging Analytics Performed:
Other Biomarker(s) (may repeat for up to 10 biomarkers)
+Specify Biomarker:
Results
+Interpretation
Positive
Negative
Other (specify):
Cannot be determined (indeterminate)
+Tumor Cell Staining Intensity: %
+Comments:

Methods
+Specify Antibody:
+Controls (select all that apply)
Internal control cells present; expected immunoreactivity
Internal control cells present; no immunoreactivity of either tumor cells or internal control
External controls available, expected immunoreactivity
External controls available; no immunoreactivity in expected cells
+Assay Information
Food and Drug Administration (FDA) cleared test / vendor (specify):
Laboratory-developed test
+Specify Quantitative Imaging Analytics Performed:
COMMENTS
Comment(s):