

Lung Cancer Protocol w/ Possible Sendout to Tempus

This tip sheet describes the recently implemented changes to the Lung Cancer Biopsy Protocol to no longer perform ROS1 immunohistochemistry and to move to EGFR performed by Idylla (in place of Therascreen) in MDL when clinically indicated.

Accessioning a Lung Cancer Case

- When Lung Cancer has been selected as the protocol for a surgical pathology case, the package will now include 7 unstained slides for IHC, 5 unstained slides for possible future molecular testing (Idylla), 10 positively charged unstained slides and 1 Terminal H&E for possible future sendout to Tempus Laboratory.

A Mark Frozen		Task	
LUNG, BIOPSY; CANCER		A1 BLOCK-GREEN	
Source		A1.1	H&E - 2 sections per slide
Description		A1.2	Unst for IHC 2u - 2 sectio...
Coll Date	Coll Time	A1.3	Unst for IHC 2u - 2 sectio...
Collector	Coll Dept	A1.4	Unst for IHC 2u - 2 sectio...
PENDING CHARGE (CPT®)		A1.5	Unst for IHC 2u - 2 sectio...
Specimen Note		A1.6	Unst for IHC 2u - 2 sectio...
Delete Done		A1.7	Unst for IHC 2u - 2 sectio...
		A1.8	Unst for IHC 2u - 2 sectio...
		A1.9	H&E - 2 sections per slide
		A1.10	Unst for Molecular 5u - ...
		A1.11	Unst for Molecular 5u - ...
		A1.12	Unst for Molecular 5u - ...
		A1.13	Unst for Molecular 5u - ...
		A1.13	Unst for Molecular 5u - ...
		A1.14	Unst for Molecular 5u - ...
		A1.15	Unst + Charged Slide fo...
		A1.16	Unst + Charged Slide fo...
		A1.17	Unst + Charged Slide fo...
		A1.18	Unst + Charged Slide fo...
		A1.19	Unst + Charged Slide fo...
		A1.20	Unst + Charged Slide fo...
		A1.21	Unst + Charged Slide fo...
		A1.22	Unst + Charged Slide fo...
		A1.23	Unst + Charged Slide fo...
		A1.24	Unst + Charged Slide fo...
		A1.25	Terminal H&E for Temp...

Requesting existing Unstained Slides for Idylla be pulled and sent to MDL

1. If additional testing is indicated, the primary pathologist will place an order for Idylla EGFR using the existing Solid Tumor Molecular Testing (NGS by Ampliseq) [LAB9207] Procedure and selecting “Idylla (EGFR Only)”

Solid Tumor Molecular Testing (NGS by Ampliseq) [Accept] [Cancel]

Priority: Routine

Frequency: Once

Starting: Today Tomorrow At: 1250

First Occurrence: **Today 1250**

Scheduled Times

05/21/21 1250

Process Inst: THIS ORDER IS PRIMARILY FOR USE BY SURGICAL PATHOLOGISTS ON PRE-EXISTING CASES. IF YOU WOULD LIKE TO REQUEST SOLID TUMOR MOLECULAR TESTING ON A PRE-EXISTING CASE, PLEASE CONTACT THE SURGICAL PATHOLOGIST ASSIGNED TO THE CASE OF INTEREST.

Indicate cancer type: Lung Colorectal Thyroid Melanoma Glioma Other

Indicate genes for testing: Full Panel (plus Idylla EGFR) Idylla (EGFR Only) Custom Panel

1 Tumor Tissue Case #:

1 Tumor Tissue Block #:

1 Macrodissection: Yes No

1 Estimated % tumor (low end):

1 Estimated % tumor (high end):

1 There are 2000 or more cells per slide (or in circled area if macrodissection): Yes No

1 Total unstained slides ordered:

1 Reviewing pathologist:

1 Comments:
 Clinical history/indications (required field): ***

1 Next Required Link Order [Accept] [Cancel]

2. After you have completed the required questions and signed the order, navigate to Case Builder for the original Surg Path Case and add a task protocol for “Unstained 5u and Send to Molecular x10”

Browse

molecular Search [Browse (F4)] [Details (F7)] [Clear Selected]

Task Protocols

Recut

Task Protocols

Recut

Recut Unstained 5u and Send to Molecular

Unstained 5u and Send to Molecular x10

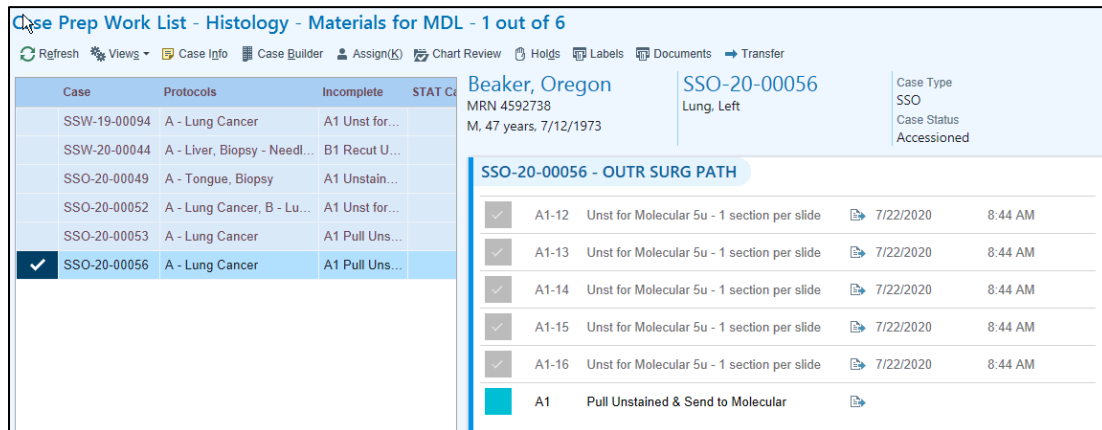
Selected Items

Task Protocols

Unstained 5u and Send to Molecular x10 1

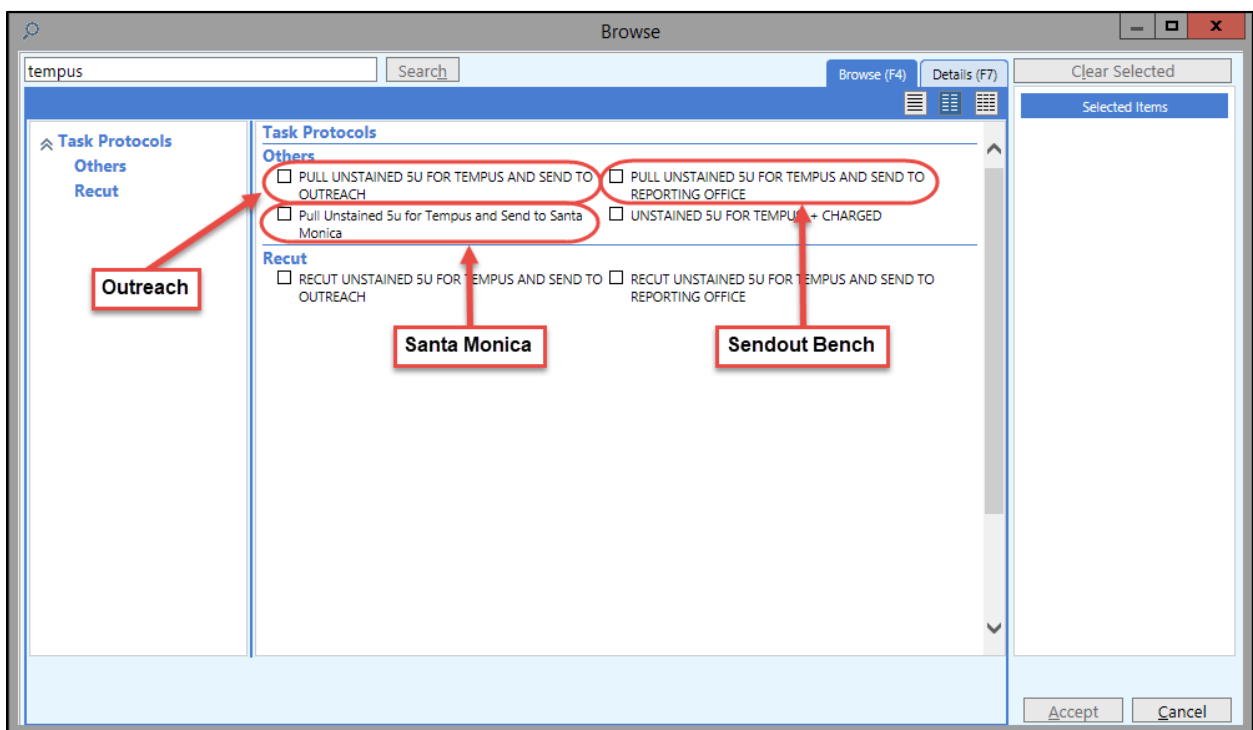
[Accept] [Cancel]

3. **For Lung Cancer Protocol Cases only** this will generate a “Pull Unstained and Send to Molecular” task for histology, which will appear in the Histology Case Prep Worklist for “Materials for MDL”



Requesting existing Unstained Slides for Tempus be pulled and sent to Reporting Office, Outreach, or Santa Monica

1. If additional testing is indicated, the original ordering provider will place an order for NGS testing with the Tempus Laboratory. Tempus Lab will then reach out to the AP Sendout Bench or the AP Outreach group to request slides. The users then navigate to Case Builder for the original Surg Path Case and add a task protocol either for “Pull Unstained 5u for Tempus and Send to Reporting Office,” “Pull Unstained 5u for Tempus and Send to Outreach,” or “Pull Unstained 5u for Tempus and Send to Santa Monica”



- In the **Task Note** section for your “Pull” Task, please specify the date and Author of the appropriate Progress Note to be printed and routed to Tempus with the Slides. (e.g. “Dr. Garon’s Note on 3/2/21)

The screenshot shows a task management interface. On the left, there is a form for 'Lung Cancer' with fields for Source, Description, Coll Date, Coll Time, Collector, and Coll Dept. Below the form is a 'Specimen Note' field and 'Delete' and 'Done' buttons. On the right, a list of tasks is displayed. The task 'A1 Pull Unst Charged Slide 5u for Tempus' is highlighted with a red circle, and a red oval around it contains the text 'Date and Author of Progress Note to be printed and routed to Tempus'.

- This will generate the appropriate “Pull Unstained 5u for Tempus and send to” task for histology, which will appear in the Histology Case Prep Worklist for “Materials for Tempus”

The screenshot shows a 'Case Prep Work List - Histology - Materials for Tempus - 1 out of 3' interface. At the top, there are navigation buttons like 'Refresh', 'Views', 'Case Lookup', 'Case Info', 'Case Builder', 'Assign(K)', 'Chart Review', 'Holds', 'Labels', 'Documents', and 'Transfer'. Below this is a table of cases with columns for Case, Protocols, and Incomplete. The case 'SSO-21-00022' is selected. To the right, there is a detailed view for 'Beaker, Aug "Summer" SSO-21-00022' with MRN 4592826 and Case Type SSO. Below the case details is a section titled 'SSO-21-00022 - OUTR SURG PATH' which contains a list of tasks. The task 'A1 Pull Unst Charged Slide 5u for Tempus and send to Reportir' is highlighted with a green bar.