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# Sample Submission Form Lung Adenocarcinoma Cell (LUAD)

Instr	uctions: This form should be comple	ted for all submitted cases, prior to the shipment of sa	imples to the BCR.
	Questions r	egarding this form should be directed to the Tissu	e Source Site's Clinical Outreach Contact at the BCR.
Tissue	Source Site (TSS) acknowledges that the	Biospecimen Core Resource (BCR) may confirm that the did	agnosis of the biospecimen is consistent with the primary diagnosis reported by the TSS through
			thorizes the BCR to report these patient results to the TSS by means of a formal report in
confid	ential email format for the quality assure	ance program of the TSS to address.	
licouro		TCC ID.	TCC Unique Detient ID.
issue	Source site (155):	155 ID:	TSS Unique Patient ID:
Intervi	ewer Name:		Interview Date/ / /
#	Question	Entry Alternatives	Working Instructions
STO	Verification of Requirements           Prior to the shipment of samples to the BCR, the TSS must answer the following questions to verify that all requirements are met.		
1*	Type of Biospecimen Submission (check all that apply)	<ul> <li>Primary Tumor Sample</li> <li>Normal Sample</li> </ul>	Please provide the type of biospecimen(s) being submitted at the time of completion of this form.
Cons	ent Information		
2*	Consent Status	<ul> <li>Formally Consented</li> <li>Consented by Death</li> <li>Exemption 4*</li> <li>Waiver*</li> </ul>	Indicate whether the patient was formally consented, consented by death, or if the case has an exemption or waiver for consent. *Exemptions and waivers for consent must be approved by NCI. 3288361
3	Date of Formal Consent	Month Day Year	If the patient was formally consented, provide the date of consent.         Do not complete if the patient consented by death.         3081955 (month), 3081957 (day), 3081959 (year)
4	Date of Death	Month Day Year	If the patient consented by death (i.e. they did not formally consent), provide the date of death. Do not complete date of death if the patient formally consented. 2897026 (month), 2897028 (day), 2897030 (year)
Histo	ory of Malignancies		
5*	History of Other Malignancy (Including ALL Prior and Synchronous Malignancies)	<ul> <li>None</li> <li>History of Prior Malignancy</li> <li>History of Synchronous Malignancy</li> <li>Both History of Synchronous and Prior Malignancy</li> </ul>	Indicate whether the patient has a history of malignancies, including synchronous or bilateral malignancies. Please complete an Other Malignancy Form (OMF) for each malignancy diagnosed prior to or at the time the submitted tissue was procured. If the patient has a history of multiple diagnoses of basal or squamous cell skin cancer, only complete an OMF for the initial diagnosis of each of these types. <u>3382736</u>
Neoa	djuvant Treatment	1	
6*	History of Neoadjuvant Treatment (prior to procurement) of Tumor Specimen Submitted	<ul> <li>None</li> <li>Radiation prior to sample procurement*</li> <li>Pharmaceutical treatment prior to sample procurem</li> <li>Both pharmaceutical treatment and radiation prior procurement*</li> </ul>	
Path	ology Prescreen at the TSS	·	
7*	Was the submitted sample prescreened at the TSS?	☐ Yes ☐ No	Indicate whether the sample submitted to the BCR was prescreened at the TSS. $3081942$

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#	Question	Entry Alternatives	Working Instructions
8*	Name of Pathologist (who performed the review of the submitted slide)		Provide the name of the pathologist who performed the review of the submitted sample. Also provide the date of this review below. <u>3288225</u>
9*	Date of Pathologist Prescreen Review	Month Day Year	Provide the date the pathologist performed the prescreen review. <u>3462941 (month)</u> , <u>3462917 (day)</u> , <u>3462960</u> (year)
10*	Does the percent tumor nuclei meet current project metrics?	□ Yes	Confirm that the malignant sample submitted to the BCR meets the current tumor nuclei metrics. 3288520
11*	Does the percent necrosis meet the current project metrics?	□ Yes	Confirm that the malignant sample submitted to the BCR meets the current necrosis metrics. 3288524
Initia	l Pathology Report		·
12*	Will an original diagnostic de- identified pathology report be submitted?	□ Yes □ No	Confirm that a de-identified original diagnostic pathology report is being sent to BCR prior to or with the shipment of the physical samples. Cases without a diagnostic pathology report at the time of sample submission will be excluded. 3288292
13*	Is the histologic diagnosis on the Sample Submission Form (as determined by the TSS pathology review of the submitted slide) consistent with the histology listed on the submitted original diagnostic pathology report?	□ Yes □ No	<ul> <li>Confirm that the diagnosis provided on this Sample Submission Form for the tumor sample being submitted is consistent with the diagnosis found on the patient's original diagnostic pathology report for the tumor being sent to the BCR. If "yes," skip related question below.</li> <li>The diagnosis is considered to be consistent if at least one of the following criteria are met: <ol> <li>Diagnosis on the Sample Submission Form is identical to the pathology report for the tumor being sent to the BCR.</li> <li>Diagnosis on the Sample Submission Form includes at least one of the subtypes listed on the pathology report and all subtypes on the pathology report are acceptable.</li> <li>Diagnosis on the Sample Submission Form is "histology, NOS" (i.e., Adenocarcinoma, NOS) and the pathology report lists a specific subtype within the same histologic group.</li> <li>Diagnosis on the Sample Submission Form indicates "Mixed Subtype" and the pathology report lists two or more acceptable subtypes, provided that percent subtype(s) meet applicable disease-specific requirements.</li> </ol> </li> </ul>
14	If the diagnosis on this form is not consistent with the provided pathology report, indicate the reason for the inconsistency.	<ul> <li>Macrodissection Performed (see definition at right)</li> <li>Other Pathology Review (see definition at right)</li> <li>Pathology Review for this Project (see definition at right)</li> </ul>	If the diagnosis provided on this form is not consistent with the final diagnosis found on the original diagnostic pathology report provided, specify a reason for this inconsistency. 1.) Macrodissection that was performed at the TSS to select a region containing an acceptable diagnosis determined a specific histological subtype that is different from the original pathology report 2.) The pathology analysis performed at the TSS determined a specific histological subtype that is different from the original pathology report 3.) The pathology review of the section submitted for this project determined that the histologic subtype is different from the pathology report If a TSS pathology review of the submitted sample resulted in a different histologic subtype than what is documented on the original diagnostic pathology report, an amendment to the pathology report should be submitted when the sample is shipped to the BCR; in the absence of an amended pathology report, the TSS must provide a detailed explanation of the reason for the inconsistency. In the case of diagnosis modifications, institution protocol should be followed for proper quality assurance. <u>32288315</u>

# Sample Submission Form Lung Adenocarcinoma Cell (LUAD)

#	Question	Entry Alternatives	Working Instructions
Dem	ographic Information		
15*	Date of Birth		Provide the date the patient was born.
15		Month Day Year	<u>2896950(month), 2896952(day), 2896954</u> (year)
16*	Race	<ul> <li>American Indian or Alaska Native</li> <li>Asian</li> <li>Black or African American</li> <li>Native Hawaiian or other Pacific Islander</li> <li>White</li> <li>Unknown</li> </ul>	<ul> <li>Provide the patient's race using the provided categories, as defined below.</li> <li>American Indian or Alaska Native: A person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.</li> <li>Asian: A person having origins in any of the original peoples of the far East, Southeast Asia, or in the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.</li> <li>White: A person having origins in any of the original peoples of the far Europe, the Middle East, o North Africa.</li> <li>Black or African American: A person having origins in any of the black racial groups of Africa. Terms such as "Haitian" or "Negro" can be used in addition to "Black or African American."</li> <li>Native Hawaiian or other Pacific Islander: A person having origins in any of the original people of Hawaii, Guam, Samoa, or other Pacific Islands.</li> <li>Unknown</li> <li>2192199</li> </ul>
17	Ethnicity	<ul> <li>Not Hispanic or Latino</li> <li>Hispanic or Latino</li> <li>Unknown</li> </ul>	2192192         Provide the patient's ethnicity using the provided categories, defined below:         Not Hispanic or Latino:         A person not meeting the definition of Hispanic or Latino.         Hispanic or Latino:         A person of Mexican, Puerto Rican, Cuban, Central or South American or othe Spanish culture or origin, regardless of race.         Unknown         2192217
Ŷ	are submitted, the "Tumor Sample Inf	ompleted for the tumor sample submitted and should be answere formation" must be completed for each vial submitted to the BCR	ed specifically about the submitted sample(s). If multiple vials of the tumor sample
	are submitted, the "Tumor Sample Info	formation" must be completed for each vial submitted to the BCR	Confirm that the sample submitted is a primary biospecimen.
<b>Patho</b> 18*	are submitted, the "Tumor Sample Inf	formation" must be completed for each vial submitted to the BCR	
18*	are submitted, the "Tumor Sample Info	formation" must be completed for each vial submitted to the BCR  Primary Metastatic	Confirm that the sample submitted is a primary biospecimen. 3288124 Indicate the histologic subtype of the malignant sample submitted. 3081934
18*	are submitted, the "Tumor Sample Inf <b>Diogic/Anatomic Information</b> Tumor Category	formation" must be completed for each vial submitted to the BCR  Primary Metastatic Recurrent Adenocarcinoma, Mixed Subtype Acinar Adenocarcinoma Papillary Adenocarcinoma Bronchioloalveolar Carcinoma, Mucinous Bronchioloalveolar Carcinoma, Non-Mucinous Solid Pattern Predominant Adenocarcinoma Micropapillary Adenocarcinoma Fetal Adenocarcinoma Ketal Adenocarcinoma Ketal Adenocarcinoma Guencinous (Colloid) Adenocarcinoma Gignet Ring Adenocarcinoma Clear Cell Adenocarcinoma Adenocarcinoma Adenocarcinoma, Not Otherwise Specified (NOS) Lung Other (For Metastatic or Recurrent Tumors only; Please	Confirm that the sample submitted is a primary biospecimen. <u>3288124</u> Indicate the histologic subtype of the malignant sample submitted.
	are submitted, the "Tumor Sample Info	formation" must be completed for each vial submitted to the BCR  Primary Metastatic Recurrent Adenocarcinoma, Mixed Subtype Acinar Adenocarcinoma Papillary Adenocarcinoma Bronchioloalveolar Carcinoma, Mucinous Bronchioloalveolar Carcinoma, Non-Mucinous Solid Pattern Predominant Adenocarcinoma Micropapillary Adenocarcinoma Fetal Adenocarcinoma Fetal Adenocarcinoma Guencus (Colloid) Adenocarcinoma Gignet Ring Adenocarcinoma Clear Cell Adenocarcinoma Adenocarcinoma Adenocarcinoma, Not Otherwise Specified (NOS) Lung	Confirm that the sample submitted is a primary biospecimen. 3288124 Indicate the histologic subtype of the malignant sample submitted. 3081934 Indicate the anatomic site of the tumor biospecimen submitted.

# Sample Submission Form Lung Adenocarcinoma Cell (LUAD)

#	Question	Entry Alternatives	Working Instructions	
		Lower Lobe	¥	
		Unknown		
23*	Laterality	□ Left □ Right	Indicate the laterality of the tumor biospecimen submitted. 2007875	
Diag	nosis Information			
0			Provide the date the patient was initially pathologically diagnosed with the malignancy	
24*	Date of Initial Pathologic Diagnosis		submitted.	
		Month Day Year	<u>2896956 (month), 2896958 (</u> day), <u>2896960 (</u> year)	
Tum	or Procurement Information		Der Mehr der der eine der eine der eine der eine der	
25*	Date of Cancer Sample Procurement		Provide the date the submitted tumor sample was procured. 3008197 (month), 3008195(day), 3008199 (year)	
	· · · · · · · · · · · · · · · · · · ·	Month Day Year		
		Pneumonectomy	Indicate the procedure performed to obtain the malignant tissue that yielded the	
O C II	Method of Cancer Sample		submitted sample. 3103514	
26*	Procurement	Wedge Resection	<u>5105514</u>	
		<ul> <li>Biopsy (all types)</li> <li>Other Surgical Resection</li> </ul>		
			Provide the country where the malignant tissue that yielded the submitted sample was	
27*	Country where Cancer Sample was		procured.	
27	Procured		3152016	
Tum	Sample Information If multiple viale	of the tumor sample are submitted, this section must b		
Tum		of the tunior sample are submitted, this section must b		
28*	Tumor Identifier		Provide the TSS unique tumor ID. If multiple pieces of tumor are submitted, each tumor sample needs a unique ID.	
20			<u>3288096</u>	
		□ Portion	Indicate the text term to describe the kind of tumor sample that is being submitted.	
29*	What type of tumor sample is being	Block	3812626	
	submitted?	□ Scroll		
			Indicate whether the sample being submitted is a frozen sample or a formalin fixed	
30*	Preservation Method	□ FFPE	paraffin embedded (FFPE) sample.	
00		□ Frozen	2231144	
			Provide the approximate weight of the tumor sample submitted.	
31*	Weight of Submitted Sample	(mg)	3081946	
			Provide the percent of tumor nuclei for the sample submitted, as determined by pathology review of the slide submitted.	
32*	Tumor Nuclei Percent (%)		Check with the BCR to confirm the current acceptable metrics.	
		(%)	2841225	
		(^)	Provide the percent of necrosis for the sample submitted, as determined by pathology	
33*	Necrosis Percent (%)		review of the slide submitted.	
33	Necrosis Fercent (%)		Check with the BCR to confirm the current acceptable metrics.	
		(%)	<u>2841237</u>	
Ship	Shipment/Slide Information			
		Physical Slide	Indicate the type(s) of slide(s) submitted to the BCR.	
		□ Frozen Top Slide	<b>Top Slide Definition</b> : Slide cut directly from submitted sample = mirror image of	
	Type(s) of Slides Submitted	□ FFPE Top Slide	inked surface	
34*	(Check all that apply)	FFPE Diagnostic Slide	<u>3521909</u>	
		Digital Slide Image		
		Frozen Top Slide		
		□ FFPE Top Slide		

# Sample Submission Form Lung Adenocarcinoma Cell (LUAD)

#	Question	Entry Alternatives	Working Instructions		
		□ FFPE Diagnostic Slide			
35*	Slide/Digital Image ID		Provide the slide ID for each slide (physical and digital image) submitted to the BCR.		
	Shacy Digital Image iD	Cryovial	2321277 Indicate the type of vessel used to ship the tissue to the Biospecimen Core Resource		
		Biospecimen Storage Bag	(BCR).		
36	Shipment Vessel Used	Cassette	Check with the BCR to confirm that your shipment container is approved.		
		Cryomold Other	<u>3081940</u>		
	Normal Sample Information				
		npleted for the normal control sample submitted and should be ans	swered specifically about the submitted control(s). If multiple normal control		
	types are submitted, ALL QUESTIONS	should be completed for each sample. If multiple vials of the same	normal control are submitted, the "Normal Control Sample Information" must be		
	completed for each vial submitted to th	ne BCR. □ Yes	Confirm that a normal germline control is being sent to BCR .		
37*	Will a Normal Germline Control be	A germline control has previously been submitted for this	A peritumoral sample may only be submitted if a normal germline control sample is also		
	Submitted?	case	submitted.		
		Whole Blood	Indicate the type(s) of normal control(s) submitted for this case. 3081936		
	Type(s) of Normal Germline	□ Buffy Coat □ Lymphocytes			
38*	Control(s)	Extracted DNA from Blood			
	Check all that apply	Frozen Non-Neoplastic Tissue			
		□ FFPE Non-Neoplastic Tissue			
Norm	nal Germline Control Sample Procurem				
39*	Method of Normal Control	Blood Draw	Indicate the procedure performed to obtain the normal control sample submitted. 3288147		
	Procurement	□ Surgical Resection	Provide the date of the procedure performed to obtain the normal control submitted.		
40*	Date of Normal Control Procurement	Month Day Year	<u>3288195 (month), 3288196 (day), 3288197 (year)</u>		
Nom	al Germline Control Sample Informati		<u> </u>		
NOTI	an Germanie Control Sample Informati	011	Dravide the TCC unique normal ID. If multiple normal control complete are submitted		
41*	Normal Control ID		Provide the TSS unique normal ID. If multiple normal control samples are submitted, each normal control needs a unique ID.		
			3288138		
Extra	Extracted DNA from Blood: Only complete this section if submitting extracted DNA from blood.				
42	Extracted DNA Quantity of Normal Control	(μg)	Provide the quantity ( $\mu$ g) of the normal control sample sent to the BCR. <u>3288185</u>		
	Extracted DNA Quantification Method		Provide the quantification method of the normal control sample sent to the BCR.		
43	of Normal Control		<u>3288186</u>		
	Extracted DNA Concentration of		Provide the concentration ( $\mu$ g/ $\mu$ L) of the normal control sample sent to the BCR.		
44	Normal Control	(μg/μL)	<u>3288187</u>		
45	Extracted DNA Volume of Normal		Provide the volume (µL) of the normal control sample sent to the BCR.		
45	Control	(μL)	3288188		
Norm	al Germline Control Tissue: (Uninvolved o	rgan only) Only complete this section if submitting germline control t	issue.		

Page 6
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# Sample Submission Form Lung Adenocarcinoma Cell (LUAD)

#	Question	Entry Alternatives	Working Instructions		
46	Anatomic Site of Normal Germline Control Tissue (Uninvolved organ only)	□ Spleen □ Other	If the normal germline control type is non-neoplastic tissue, indicate the anatomic site of the tissue submitted. <u>4132152</u>		
47	Other Anatomic Site of Normal Germline Control Tissue		If the anatomic site of the normal germline control is not listed in the previous question, provide the specific site of the normal control. 3288189		
48	Normal Slide or Digital Image Identifier		If the normal germline control type is non-neoplastic tissue and a slide for this tissue is being submitted, indicate the slide identifier here. 3288217		
Peritu	moral Tissue: Only complete this section if	submitting peritumoral tissue in addition to a germline control.			
49*	Is a Peritumoral Tissue being submitted in addition to a normal germline control tissue?	□ Yes □ No	A peritumoral sample may only be submitted if a normal germline control sample is also submitted.		
50	Method of Peritumoral Procurement	□ Surgical Resection	Indicate the procedure performed to obtain the tissue submitted. $\underline{3288147}$		
51	Date of Peritumoral Tissue Procurement	Month Day Year	Provide the date of the procedure performed to obtain the normal control submitted. <u>3288195 (</u> month), <u>3288196 (</u> day), <u>3288197</u> (year)		
52	Normal Control ID		Provide the TSS unique normal ID. If multiple normal control samples are submitted, each normal control needs a unique ID. <u>3288138</u>		
53	What type of peritumoral sample is being submitted?	<ul><li>FFPE Sample</li><li>Frozen Sample</li></ul>	Indicate whether the type of peritumoral sample being submitted is a frozen sample or a formalin fixed paraffin embedded (FFPE) sample. <u>4634873</u>		
54	Anatomic Site of Peritumoral Tissue	Lung	If peritumoral tissue is submitted, indicate the anatomic site of the tissue submitted. $\underline{4633535}$		
55	Laterality of the Peritumoral Tissue	□ Left □ Right	If peritumoral tissue is submitted, indicate the laterality of the tissue submitted. $\underline{4633536}$		
56	Peritumoral Tissue Slide or Digital Image Identifier		If peritumoral tissue is submitted and a slide for this tissue is also being submitted, indicate the slide identifier here. <u>3462772</u>		
Time	Time Intervals				
patho	The following questions are only to be answered if the Tissue Source Site is unable to provide the dates requested on this form. Provided time intervals must begin with the date of initial pathologic diagnosis (i.e., biopsy or resection) Please Note: Only provide interval data if you have received permission from the NCI to provide time intervals as a substitute for requested dates on this form.				
i	Has this TSS received permission from the NCI to provide time intervals as a substitute for requested dates on this form?	Yes No	Indicate whether the TSS has permission to provide time intervals in lieu of dates.		
ii	Number of Days from Date of Initial Pathological Diagnosis to Date of Pathological Review	days	Provide the number of days from the date the patient was initially diagnosed pathologically with the disease to the date of the pathological review performed as part of the submission process. <u>3288497</u>		

## Sample Submission Form

Lung Adenocarcinoma Cell (LUAD)

V1.17 080615

#	Question	Entry Alternatives	Working Instructions
iii	Number of Days from Date of Initial Pathological Diagnosis to Date of Consent	days	If the patient formally consented, provide the number of days from the date the patient was initially diagnosed pathologically with the disease to the date of the patient's formal consent. 3288498
iv	Number of Days from Date of Initial Pathological Diagnosis to Date of Death	days	If the patient consented by death, provide the number of days from the date the patient was initially diagnosed pathologically with the disease to the date of the patient's death. Note: If the patient formally consented prior to death, do not answer this question only answer the question above that asks for the number of days between the date of diagnosis and the date of the patient consent <u>3288499</u>
v	Number of Days from Date of Initial Pathologic Diagnosis to Date of Birth	days	Provide the number of days from the date the patient was initially diagnosed pathologically with the disease to the patient's date of birth 3008233
vi	Number of Days from Date of Initial Pathological Diagnosis to Date of Cancer Sample Procurement	days	Provide the number of days from the date the patient was initially diagnosed pathologically with the disease to the date of the procedure that produced the malignant sample submitted 3288495
vii	Number of Days from Date of Initial Pathological Diagnosis to Date of Normal Sample Procurement (Whole Blood)	days	Provide the number of days from the date the patient was initially diagnosed pathologically with the disease to the date of the procedure that produced the normal control sample submitted <u>3288496</u>
viii	Number of Days from Date of Initial Pathological Diagnosis to Date of Normal Sample Procurement (Buffy Coat/Lymphocytes)	days	Provide the number of days from the date the patient was initially diagnosed pathologically with the disease to the date of the procedure that produced the normal control sample submitted <u>3288496</u>
ix	Number of Days from Date of Initial Pathological Diagnosis to Date of Normal Sample Procurement (Extracted DNA)	days	Provide the number of days from the date the patient was initially diagnosed pathologically with the disease to the date of the procedure that produced the normal control sample submitted <u>3288496</u>
x	Number of Days from Date of Initial Pathological Diagnosis to Date of Normal Sample Procurement (Uninvolved Non-Neoplastic Tissue – Frozen or FFPE)	days	Provide the number of days from the date the patient was initially diagnosed pathologically with the disease to the date of the procedure that produced the normal control sample submitted <u>3288496</u>
xi	Number of Days from Date of Initial Pathological Diagnosis to Date of Normal Sample Procurement (Peritumoral Tissue)	days	Provide the number of days from the date the patient was initially diagnosed pathologically with the disease to the date of the procedure that produced the normal control sample submitted <u>3288496</u>

Principal Investigator or Designee Signature

Print Name

Date

I acknowledge that the above information provided by my institution is true and correct and has been quality controlled.