Resulting SunQuest Gram Stains

In SunQuest GUI (Result Entry), enter the ACCESSION NUMBER into the value box at the top of the page.

ata search	ı									
ookup by Ao	cession Number	Valu	e W123456		Search	Previous)			
earch found 1	item				By Default	HID Only				
Accessio	Patient Name	Patient	HID Collect	t Da Collect	Order Codes					
W123456	MOUSE, MICKEY	12345678	SVIN 05/01/	1440	GS					
ccess <u>i</u> on /	Battery list									
ccession / here is 1 micro atient.	Battery list obiology battery associ	ated with the se	lected							
ccession / here is 1 micro atient. Collect Date /	Battery list obiology battery associ Ti Receive Date / Ti	ated with the se	lected	Order Modifi	Specimen Descripti	Direct Ex	Culture Resu	Report Stat	Not	Validation

Select the test you want to work with at the bottom of the page. For Gram stain results that are NOT fecal leukocytes or a respiratory culture, the test code will either be AERGS, ANAGS or GS.

Data search			
Lookup by Accession Number	Value W123456	Search Previous	
Search found		By Default HID Only	
Accessio Patient Name Pa	Patient HID Collect Da Collect	Order Codes	
W123456 MOUSE, MICKEY 123	345678 SVIN 03/01/2017 1440	GS	
L			
Accession / Battery list			
There is 1 microbiology battery associated w	vith the selected		
patient	•		
Collect Date / Ti Receive Date / Ti A	Accessio Order Co Order Modifi	Specimen Descripti Direct Ex Culture Resu	Report Stat Not Validation Grp
03/01/2017 1440 03/01/2017 1946 W	123456 GS	ABDOMINAL Pending	Preliminary

You will be given a prompt to 'click on COMPOSED TEXT tab.' Hit the space bar to close this prompt.

While holding down the 'ALT' key, hit T and then V.

This will put the following message into the composted text area:

For bacteria or organisms under Gram Stain Oil Immersion Field (OIF):

<1/OIF = Rare

1-5 / OIF = Few

6-24/ OIF = Moderate

> =25/ OIF = Many

For cells (polys, reds, and epithelial cells) under Gram Stain Low

Power Field (LPF):

< 1 / LPF = Rare

1-9 / LPF = Few

10-24/ LPF = Moderate

> =25/ LPF = Many



Your page will look like this and you are ready to add your results.

🥮 Micro	bioloa	v Res	ult Entr	v												
1234 MOU DOB	5678 SE, MI 01/01/1	ICKE 917 (1	Y 00Y)	Se	ex M		Curr evnt lo SOC SEC # HID	c 1234 (Disc 123456789 SVIN)	Dx (≞) AD cmt (<u>\</u>)						
			6	GRAM	STAIN				Att1 phys (/)			 	 	 	 	 Ord dx
Collect d Receive	t/tm dt/tm	03/01 03/01	/2017 144 /2017 194	40 46	Spec req Report Transport Ord loc	NON Preli 5.1 h	IE m iours		Ord mod (-)			 	 	 		
opec de	30	1	•		oid loc	02	, ,			,	,					
Keybo Obse	ard I ser <u>v</u> ati	DE3 - I ions		EXAM 3 <u>W</u> orkups	st	ompose (+)	d <u>T</u> ext				·					
#	SIG	HLD	SUP	Result	D	escriptio	n									
1.																

Your results will go in the highlighted box. First you want quantity of your organism or white blood cells.

You can either hit ; and then the quantity code (NO, RARE, FEW, MOD, MANY)

OR



Next, you will want to enter your organism(s). The following is a list of hot keys and their respective organisms or cells:

- Z = Gram positive cocciX= Gram positive rodsC= Gram negative rods
- J= Epithelial cells

- Y= Gram positive diplococci
- V= Gram negative diplococci
 - B= Gram negative coccobacilli
 - K= Clue cells

N= Gram variable rods M= Yeast H= Polys L= Columnar epithelial cells

📟 Microbiolo	gy Result Entry					
12345678 MOUSE, M DOB 01/01/	MICKEY /1917 (100Y) s	iex M	Curr evnt lo SOC SEC # HID	c 1234 (Disc) 123456789 SVIN	Dx (e) AD cmt (j)	
	GRAM	STAIN		Att1 phys (/)		Ord da
Collect dt/tm Receive dt/tm	03/01/2017 1440 03/01/2017 1946	Spec req Report Transport	NONE Prelim 5.1 hours	Ord mod (-)		
Spec desc	ABDL	Ord loc	6E			
Direct Exam	Culture Entry Su	sceptibility	nline Biotype	Misc. Updates Billing	Other Tests (])	
Keyboard	DE3 - DIRECT EXAM	3		On		
			nonced Text			
Observa	tions <u>W</u> orkup	is Con	(+)			
Observatio	ns Support					
# SIG	HLD SU Resul		verintion			
1	МО	O GPC				

If there are NO POLYS or NO ORGANISMS the following hot keys can be used:

9/(= No polys seen ?|/ = No organisms seen Y = XX (No polys or organisms seen)

Microbiolog	gy Result Entry					
12345678			Curr evnt loc	1234 (Disc)	Dx (=)	
MOUSE, M	IICKEY		SOC SEC #	123456789		
DOB 01/01/	1917 (100Y) Seo	< M	HD	SVIN	AD cmt ()	
	CD 111					
	GRAM	STAIN		Att1 phys (/)		Ord dx
Collect dt/tm	03/01/2017 1440	Spec req	NONE			
Neceive dt/tm	03/01/2017 1946	Transport	frelim 51 hours			
Spec desc	ABDL	Ord loc (SE .	Ord mod ()		
Direct Even	les et le	and I a	less la	war water laws la		1
Direct exam	Culture Entry Susc	eptibility <u>O</u> ni	ine <u>B</u> iotype	Misc. Updates Billing (Other Tests (_)	
Keyboard	DE3 - DIRECT EXAM 3					
Observat	tions Workups	Comp	osed <u>I</u> ext (+)			
Observation	os Deusea					
# SIG	HID SIL Read		intion			
1	XX		ilana.			
		1				

If you ever forget a hot key code, click F8 and the following table of shortcuts will appear.



After the results are entered, you can either SAVE the results or FINAL the results

- If the results are under an AERGS or ANAGS, the results cannot be finaled and instead must be saved. Hold down the 'ALT' key and click S twice.
- If the results are on a GS only order, they can be finaled. Shift + ~|` will final the culture. Hold down the 'ALT' key and click S once. You will then be directed to the BILLING screen.

The only Gram stain result that requires a billing code is anything that is CONCENTRATED, such as CSF, BAL or any sterile fluid.

The billing code for a CONCENTRATED Gram stain is CONCT.

After the billing code is entered, click ALT + S to save the results.

W123456	GRAM S	STAIN		Att1 phys (/)	Ord dx (;)
Collect dt/tm	03/01/2017 1440	Spec req	NONE		
Receive dt/tm	03/01/2017 1946	Report	Prelim		
		Transport	5.1 hours	Ord mod (-)	
Spec desc	ABDL	Ord loc	6E	Ŭ	
Direct Exam	Culture Entry Susc	eptibility	<u>O</u> nline <u>B</u> iotype	<u>M</u> isc. Updates <mark>Billing</mark>	Other Tests (])
Code	Description				

Resulting SunQuest Fecal Leukocytes (STPLY)

 In SunQuest GUI (Result Entry), enter the ACCESSION NUMBER into the value box at the top of the page.

D	ata search	
Ŀ	ookup by Accession Number	Value W123456 Search Previous
s	earch found 1 item	By Default HID Only
	Accessio Patient Name	Patient. HID Collect Da Collect Order Codes
	W123456 MOUSE, MICKEY	12345678 SVIN 05/0472017 1440 STPLY

Accession / Battery list

There is 1 microbiology battery associated with the selected patient.

Collect Date / Ti	Receive Date / Ti	Accessio	Order Co	Order Modifi	Specimen Descripti	Direct Ex	Culture Resu	Report Stat	Not	Validation Grp
03/01/2017 1440	03/01/2017 1946	W123456	STPLY		STOOL	Pending		Preliminary		

 Select the test you want to work with at the bottom of the page.
 Fecal leukocytes will always be under the code STPLY.

D	ata sea	rch											
Ŀ	ookup by	Accessio	on Number	✓ Val	ue W1	23456		Search	Previous				
s	earch fou	nd 1 item						By Default H	ID Only				
ſ	Accessio	Patie	ent Name	Patient	HID	Collect Da	Collect	Order Codes					
1	W123456	MOUS	E, MICKEY	12345678	SVIN	03/01/2017	1440	STPLY					
1													
l													
_													
A	ccessio	n / Batt	ery list										
P	here is 1 n atient.	nicrobiolo	gy battery associate	ed with the s	elected	1							
ſ	Collect Da	ite / Ti	Receive Date / Ti	Accessio	Orde	er Co Or	der Modifi	Specimen Descripti	Direct Ex	Culture Resu	Report Stat	Not	Validation Grp
	03/01/20	17 1440	03/01/2017 1946	W123456	STP	LY		STOOL	Pending		Preliminary		

To result fecal leukocytes, you will first need the quantity:

1 = RARE

2 = FEW

3 = MODERATE

4 = MANY

The hot key for POLYS is 'H.'

Microbiology Result Entry	
12345678 Curr evnt loc 1234 (Disc) Dx (=) Acute pancreatitis without necrosis or infection, unspecified MOUSE, MICKEY SOC SEC # 123456789 AD cmt ()) HD CHN	
W575044 STOOL FOR POLYS Att1 phys () Collect dt/tm 03/01/2017 1330 Spec req NONE Receive dt/tm 03/01/2017 2027 Report Prelim	Ord dx (;)
Transport 7 hours Ord mod (-) Spec desc STOOL Ord loc ORNESP-N	
Direct Exam Culture Entry Susceptibility Online Biotype Misc. Updates Billing Other Tests (])	
Keyboard DE3 - DIRECT EXAM 3	
Observations Workups Composed Text	
Observations Suppress test	
# SIG HLD SUP Result Description	
1. FEW-POLIS FEW-POLIS	

If there are NO POLYS SEEN, hit '9,' which is the hot key for 'NO POLYS SEEN.'

You can then final your result by hitting Shift + \sim |`

Hit ALT + S to save your results. There is no billing code for fecal leukocytes.

P Mic	robiolo	gy Resu	ilt Entr	У									
1234 MOL DOB	45678 JSE, N 01/01/19	IICKE) 17 (100Y)	(Sex	м		Curr evnt loc 11 SOC SEC # 12 HID	234 (Disc) 3456789 CHN	Dx (<u>=</u>) AD cmt (<u>\</u>)	Acute pancreatitis wi	ithout necrosis or infection, unsp	ecified	
W 5	7504	4	S	TOOL	FOR PC	DLYS		Att 1 phys	; ()				 Ord dx (;)
Collect Receiv	t dt/tm ve dt/tm desc	03/01/ 03/01/ STOO	2017 133 2017 202	10 17	Spec req Report Transport Ord loc	NON Prelir 7 hou	E n rs FSP-N	Ord mod	Θ				
Spec (1	-	1	010100	UNN	1 1	.)		1			
	board bser<u>v</u>a servatio	DE3 -		EXAM 3 <u>W</u> orkups press test		mposed	I <u>T</u> ext	© On					
#	SIG	HLD	SUP	Result	De	escriptio	n						
1	. 🗆			NPOL		NO PO	LYS SEEN						
		Γ											
		Γ											
		Γ											

Resulting SunQuest Gram Stains- Respiratory Cultures

Search found Accessio Patient. Imme Patient Imme Collect Da Order Codes W123456 MOUSE, MICKEY 12345678 SVJO 03/01/2017 1545 RESPC	
Accession / Battery list There is 1 microsolicity battery essociated with the selected particle 11. Receive Bater 11. Accession. Order Model. Bycomme Descriptil. Direct 2x. Calture Resex. Report Stat. Not. Validation Gry SPUTUM IN TRAP Rending Resort 2 Prending Report Stat. Not. Validation Gry SPUTUM IN TRAP Rending Resort 2 Prending Report Stat. Not. Validation Gry 2. Select the RESPC culture to result Gram stains for sputum, BALs, bronch washings, etc.	

- You will be given a prompt to 'click on COMPOSED TEXT tab.' Hit the space bar to close this prompt.
- While holding down the 'ALT' key, hit T and then V.
- This will put the following message into the composted text area:
- For bacteria or organisms under Gram Stain Oil Immersion Field (OIF):
- < 1 / OIF = Rare
- 1-5 / OIF = Few
- 6-24/ OIF = Moderate
- >=25/ OIF = Many
- For cells (polys, reds, and epithelial cells) under Gram Stain Low
- Power Field (LPF):
- < 1 / LPF = Rare
- 1-9 / LPF = Few
- 10-24/ LPF = Moderate
- > =25/ LPF = Many



Your results will go in the highlighted box. First you want quantity of your organism, white blood cells or epithelial cells.

**YOU MUST QUANTITATE EPITHELIAL CELLS FOR SPUTUM GRAM

STAIN** Epithelial cells must be less than 10 cells per low power field,

or the specimen												
must be rejected												
	SOC SEC # 123456789 AD cmt (\)											
(see Slide 23).	DOB 01/01/1917 (100Y) Sex M HID SVJO											
	RESPIRATORY CULTURE Att1 phys ()											
	Collect dt/tm 03/01/2017 1545 Spec reg NONE											
Use a hot key	Receive dt/tm 03/01/2017 1917 Report Prelim											
~ `= NO	Transport 3.5 hours Ord mod (-)											
1 - DADE	Spec desc SPUTT Ord loc ICU											
	Direct Exam _ Culture Entry _ Succeptibility _ Option _ Biotype _ Miss Undates _ Billing _ Other Tests (1)											
2= FEW												
3= MODERATE	Keyboard DE3 - DIRECT EXAM 3											
	Composed Text											
	workups (+)											
	# SIG HLD SOP Result Description											

Next, you will want to enter your organism(s). The following is a list of hot keys and their respective organisms or cells:

Z = Gram positive cocci		Y	= Grar	n pos	sitive diploco	ci	N= Gra	am variab	ole rods				
X= Gram positive rods		V	'= Grai	m neg	gative diploco	cci	M= Ye	east					
C= Gram negative rods B= Gram negative coccobacilli					acilli	H= Polys							
J= Epithelial cells		К	= Clue	cells	5		L= Columnar epithelial cells						
•	12345	56					Curr evnt loc	AMB		Dx (<u>=</u>)			
	MOUS	SE, MI	CKEY				SOC SEC #	123456789					
	DOB 0	01/01/191	7 (100Y)		Sex M		HID	SVJO		AD cmt (<u>)</u>			
	RESPIRATORY CULTURE Att1 phys ()												
	Collect d	lt∕tm	03/01/2	017 154	15 Specre	q NON	E						
	Receive	; at/tm	03/01/2	017 191	Transport	vnt 35 h	n ours						
	Spec de	esc	SPUTT		Ord loc	ICU	5015	(Ord mod (-)				
	Direct	Evam	Culture			lar	l Distance l 1	Mine I Indata					
	Keyboard DE3 - DIRECT EXAM 3												
	Observations Workups Composed Text												
						(+)							
	Obse	ervation	s	Sup	press test								
	#	SIG	HLD	SUP	Result	Descriptio	n						
	<u>1</u> .				FEW-POLYS	FEW-POLY	'S						
	<u>2</u> .				MOD-GPR	MODERAT	E-GRAM POSI	TIVERODS					
	<u>3</u> .				NO-EPI	NO-EPITH	ELIAL CELLS						

All Gram stain results under a respiratory culture must be SAVED by holding down the ALT key and hitting 'S' once.

If the source is a concentrated specimen, such as a BAL or bronch washing, the billing code 'CONCT' needs to be added and then hit ALT+S again. If the source is not a

concentrated specimen, hit ALT+S without entering a billing code.

W123456	RESP	IRATORY CL	ULTURE	Att1 phys (/)			Ord dx (;)
Collect dt/tm	03/01/2017 1440	Spec req	NONE				
Receive dt/tm	03/01/2017 1946	Report	Prelim				
		Transport	5.1 hours	Ord mod (-)		 	
Spec desc	SPUTT	Ord loc	6E			 	
<u>D</u> irect Exam	Culture Entry	S <u>u</u> sceptibility (Online <u>B</u> iotype	Misc. Updates Billing	her Tests (])		
Code	Descript	ion					
	6						

Rejecting Sputums with >=10 epithelial cells per low power field



Rejecting Sputums with >=10 epithelial cells per low power field

	123456 Curr evnt loc AMB Dx (=) MOUSE, MICKEY SOC SEC # 123456789 AD cmt (!) DOB 01/01/1917 (100Y) Sex M HID SVJO AD cmt (!)										
1. Make sure you are under the Culture Entry tab (ALT + L)	RESPIRATORY CULTURE Att1 phys () Collect dt/tm 03/01/2017 1545 Spec req NONE Receive dt/tm 03/01/2017 1917 Report Prelim Transport 3.5 hours Ord mod () Spec desc SPUTT Ord loc ICU n Culture Entry Susceptibility Online Bjotype Misc. Updates Billing Other Tests (1) Keyboard MRS - RESP Image: Composed Text Colony Count Colony Count										
	Observations Suppress test										
	# S H O B SIG HLD SUP Result QA Description 1. Image: SR1 SPUTUM UNSATISFACTORY FOR CULTURE Image: SR1 SPUTUM UNSATISFACTORY FOR CULTURE 2. Image: SR1 Image: SR1 SPUTUM UNSATISFACTORY FOR CULTURE 2. Image: SR1 Image: SR1 SPUTUM UNSATISFACTORY FOR CULTURE 2. Image: SR1 Image: SR1 Image: SR1 Image: SR1 Image: SR1 Image: SR1 Image: SR1 Image: SR1 Image: SR1 Image: SR1 Image: SR1 <t< th=""><th></th></t<>										

*Note: if the specimen is a tracheal aspirate, not a sputum, the code SR2 will need to be used instead of SR1.

All sputums that have been rejected because of epithelial count must be recollected:

-- if the patient is INPATIENT, please call the floor the patient is located and inform the nurse a recollect is needed due to oral contamination

-- if the patient is OUTPATIENT, please call the attending physician's office and inform the office that a recollect is needed due to oral contamination.

** All calls should be documented under the COMPOSED TEXT tab (ALT+ D,T)**

Rejected sputum cultures can then be FINALED by holding down SHIFT and pressing the `|~ key. Then hit ALT+S once to get to the billing screen.

Because the sputum is rejected for culture, we must credit back the culture. The code to do this is CDRES. After the billing code is entered, press ALT + S to save the results.

W123456	RESPIRA	ATORY CU	JLTURE	Att 1 phys (/)	Ord dx (;)
Collect dt/tm	03/01/2017 1440	Spec req	NONE		
Receive dt/tm	03/01/2017 1946	Report	Prelim		
Spec desc	SPUTT	Ord loc	5.1 nours 6E	Ord mod (-)	
Direct Exam	Culture Entry Su	sceptibility	<u>O</u> nline <u>B</u> iotyp	e <u>M</u> isc. Updates Billing	Other Tests (])
Code	Description				
CDRES	CREDITRES	PIRATORY CX			
	9				
ľ					