POCT QC Suite - User Manual



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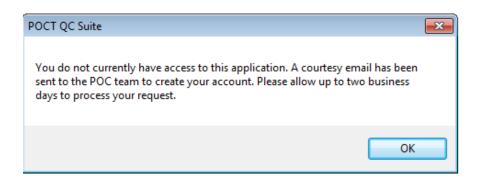
Logging In

When you first launch the application, you will be presented with a login screen. Your username and password will be the same as your Citrix or Windows login.

🔑 UCD HS Authen	. – – ×
HS LO	GIN
HS PASS	WORD
	٢
Login	Exit
Developer: Mic	
POCT QC Suite	Version 3.4.0.0

New Users

If you have not been added to the software as a user, you will be notified with a dialog box informing you that an e-mail has automatically been sent to the POCT unit requesting access. The e-mail will only be generated if you are logged into Outlook.





MULTI-SITE USERS

If you need to view and/or enter data from another area within your clinic, select by highlighting from the Current Location dropdown.

6						
File			Management		🔍 Spot	Check
	DEVICE	INFO	RMATION F	OR		
		12/3,	/2019			
	DE	VICE L	OCATION			
		РОСТ	TEST		\sim	
ном	E HEALTH				^	
NTEF	RNAL MED	Α				
NTEF	RNAL MED	В				
NTEF	RNAL MED	С				
J ST P	ULMONA	RY				
MIDT	OWN FP					
MIDT	OWN GI					
MIDT	OWN IM					
	OWN PED	-				
	OWN SPEC					
	OWN URC	LOGY				
	MAS FP					
OB 42						
	LISON					
PAIN						
	CLINIC ELI					
	INFUSION					
	SPECIALT	r				
POCI RC PC	TEST					
RC PC						
	LIN FP/IM					
	LIN SPECI					
	VILLE FP/I				Ξ	
	VILLE PED					
	VILLE SPE					
	DAY SUR					
T3WP						
URO2						
UROL					v	

HOMESCREEN

If your role is "Data Entry", you will start with a screen that displays your clinic location and department, along with the status of all tests at your location for the current day.

6					
File Data Entry	Reports	Management	Controls	Q	Spot Check
DEVIC	INFO	RMATION F	OR		
	12/3	/2019			
DE	EVICE L	OCATION			
	POCT	TEST		\sim	
HGB			Ø		
Not Completed	l.				
Cuvettes			Ø		
Not Completed					
Urinalysis			12 🕹		
Not Completed	l i				
A1c			12 🕹		
Not Completed	l i				
Pregnancy Kit			0		
Not Completed	l i				
Strep Kit			0		
Not Completed					
Flu Kit			Ø		
Not Completed	l.				
BV Kit			Ø		
Not Completed	l.				
Coagulation K	it		Ø		
Not Completed					



CONTROLS AND REAGENTS

Prior to entering daily test data, all controls and reagents must be entered and active. These include: cuvettes, UA strips and controls, pregnancy kits and controls, bacterial vaginosis kits and controls, and HgbA1c cartridges and controls.

Cuvettes

On the Home Screen, select the enter data \square

icon next to Cuvette Data.

- Active Cuvettes If your location has any cuvettes that have been entered but have not expired, you will see them on this list. Clicking the lot number will show the lot expiration date, the date opened, and the bottle expiration date.
- Adding Cuvettes –You must enter cuvettes when opening new bottles, regardless of lot number. Enter the lot number, expiration date listed on the bottle, and the date opened. Do not assign a letter designation at this time.

Press the "Save" button. A prompt will appear, asking if you want to add a lettered designation to the bottle. Answering "Yes" will allow the newly entered cuvette to appear in the "Active Cuvettes" list. Remember: cuvettes are only usable for 3 months after opening, and this new bottle expiration will

automatically be calculated.

Cuvette Data Entry - POCT QC Suite 📃 🗖 🗙	
ACTIVE CUVETTES	New Cuvette Bottle
DATE OPENED	Are you sure you want to add bottle A to cuvettes?
ADD NEW CUVETTE	Yes No
LOT # LOT EXPIRATION 12/03/2019	
DATE OPENED 12/03/2019 ▼	

**Helpful Hint: Date the bottle when opened and mark the bottle with the assigned letter designation to avoid confusion.



UA Strips

- Active Strips If your location has any strips that have been entered but have not expired, you will see them on this list. Clicking the lot number will show the expiration date and date opened.
- Adding Strips
 - You must enter strips when opening new bottles, *regardless* of lot number. Select the flask icon , location uses. Enter a valid lot number, expiration date, and the date opened. Do not assign a letter designation at this time.
 - Press the "Save" button. A prompt will appear, asking if you want to add a lettered designation to the bottle. Answering "Yes" will allow the newly entered bottle to become active and you will be asked if you would like to QA the newly added bottle. Select Yes or No.

**Helpful Hint: Date the bottle when opened and mark the bottle with the assigned letter designation to avoid confusion.

UA Strips Data Entry - P	OCT QC Suite	- - ×	New UA Strip Bottle
ΑСΤΙΥΕ υ	A STRIPS (0)		Are you sure you want to add bottle A to UA Strips?
ADD NEW UA STRIP STRIP TYPE LOT # EXPIRATION DATE DATE OPENED	Multistix \V 12345 12/ 3/2019 \V 12/ 3/2019 \V Save		

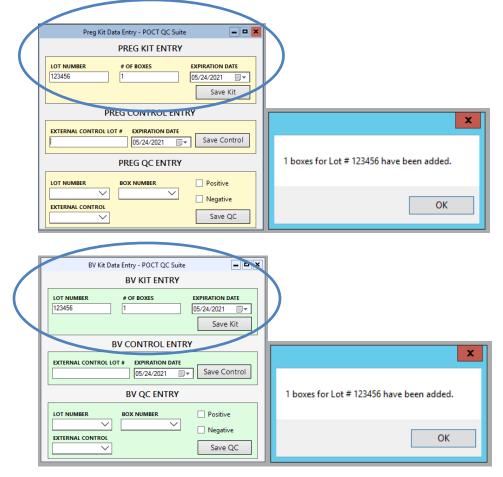


Pregnancy/Bacterial Vaginosis Kits

On the home screen, select the enter data \checkmark

icon next to the Preg Kit or BV Kit.

- Enter a valid lot number, number of boxes (1, regardless of actual number) and the expiration date.
- Press the "Save Kit" button. A confirmatory prompt will appear.



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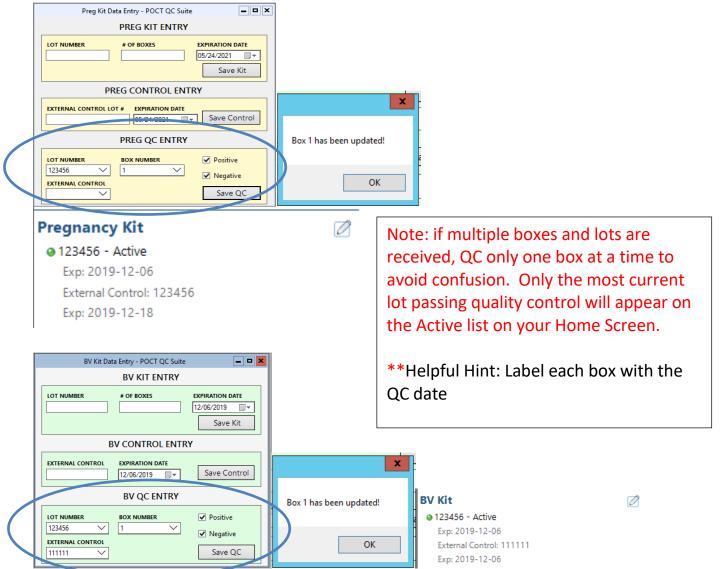


- Next Add the external control lot number and expiration.
- Select "Save Control" and a confirmatory Prompt Will Appear.

Preg Kit Data Entry - POCT QC Suite	
PREG KIT ENTRY	
LOT NUMBER # OF BOXES EXPIRATION DATE 05/24/2021 □▼ Save Kit	
PREG CONTROL ENTRY	×
EXTERNAL CONTROL LOT # EXPIRATION DATE 123456 05/24/2021 Save Control PREG QC ENTRY	External Control 123456 has been added.
LOT NUMBER BOX NUMBER ✓ Positive 123456 1 ✓ Negative EXTERNAL CONTROL Save QC	ОК
BV Kit Data Entry - POCT QC Suite	
LOT NUMBER # OF BOXES EXPIRATION DATE D5/24/2021	
BV CONTROL ENTRY	x
EXTERNAL CONTROL LOT # EXPIRATION DATE 123456 05/24/2021 • Save Control BV QC ENTRY	External Control 123456 has been added.
LOT NUMBER BOX NUMBER Positive Save QC Save QC	ОК



- To QC, select the lot number of the kit from the dropdown menu, select box number 1 from the dropdown menu and select the external control lot number.
- Check the Negative and Positive boxes if the controls react accordingly and press the "Save QC" button. A confirmatory prompt will appear. If QC is performed correctly, that box number will no longer appear in the dropdown menu and the lot is considered QC'd.





CoaguChek Strips

On the home screen, select the enter data icon \square

next to the Coagulation Kit.

- Enter a valid lot number, expiration date and press the "Save" button.
- Your new lot will appear in the "Active Coag Strips box.
- Select the Coag Strip lot to display lot expiration and date entered.
- The Home screen will now display "Active"

CoaguChek Data Entry	/ - POCT QC 💻 🗖 🗙
ACTIVE COAG STRIPS	_
	LOT EXPIRATION na DATE ENTERED na
ADD N	IEW STRIP
LOT # 12345	EXPIRATION DATE 12/ 4/2019
	SAVE

ACTIVE COAG STRIPS	
12313	LOT EXPIRATION
	12/4/2019
	DATE ENTERED
	12/4/2019
	12/4/2013
	12/4/2019
ADD	NEW STRIP
ADD I	



0



HgbA1c

Adding New Cartridges

You must enter reagents upon opening, regardless of lot number.

- 1. On the home screen, select the flask icon.
- 2. Enter the Lot number, open date and expiration date. Do not assign a letter designation at this time.
- 3. Select Save. A confirmatory prompt will appear.

ACTIVE CARTRIDGES	
	EXPIRATION DATE
	na
	DATE OPENED
	na
ADD NE	W CARTRIDGE
LOT #	EXPIRATION DATE
123456	12/05/2019
DATE OPENED	SAVE



Adding New Liquid Controls

- 1. On the home screen, select the flask 🤍 👻 icon.
- 2. Enter the Lot number, open date, expiration date and normal and abnormal ranges. Do not assign a letter designation at this time.
- 3. Select Save. A confirmatory prompt will appear.

		EXPIRATION D	DATE	
		na		
		DATE OPENED		
		na		
		NORMAL	ABNORMAL	
		na	na	
ADD	NEW L	IQUID CONT	ROL	
LOT #	EXPIR	ATION DATE	DATE OPENED	
123654	12/04/	2019 🗐 🗸	12/04/2019 🗸	
NORMAL RANGE	ABNOF 8.1-13.		SAVE	



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Active Reagents – If your location has reagents that have been entered but have not expired, you will see them on this list. Clicking the lot number will show the expiration date and date opened to the right.

A1c Reagent Data	Entry	- POCT QC	Suite	— — ×	
ACTIVE CARTRIDGES	2				
123456 [A]	_				
		EXPI	RATION D	ATE	
		na			
		DATE OPENED		D	
		na			
ADD	NEV	V CARTRID	GE		
LOT #		E	XPIRATIO	N DATE	
		12	2/04/2019		
DATE OPENED					
12/04/2019				SAVE	
	_				
ACTIVE LIQUID CONTR	OLS				
123654 [A]		EXPIRATION	DATE		
	na				
		DATE OPENE	D		
		na NORMAL	ADN	ORMAL	
		na	na		
ADD N	ADD NEW LIQUID CONTROL				
LOT # E	XPIR/	ATION DATE	DATE	OPENED	
12	2/04/2	2019 🔲 🔻	12/04/2	019 🗸	
	DNIGS	MAL DANIES			
NORMAL RANGE A	BNOR	MAL RANGE		SAVE	

Helpful Hint: Date reagents when opened and mark them with assigned letter designations to avoid confusion



Adenovirus Kit

On the home screen, select the enter data \square

icon next to the Adenovirus Kit.

- Enter a valid lot number, number of boxes (1, regardless of actual number) and the expiration date.
- Press the "Save Kit" button. A confirmatory prompt will appear.

Adenovirus Kit Data Entry - POCT QC Suite 📃 🗖 🗙	
ADENOVIRUS KIT ENTRY	
LOT NUMBER # OF BOXES EXPIRATION DATE 123456 1 06/28/2021 Save Kit Save Kit	
ADENOVIRUS CONTROL ENTRY	
EXTERNAL CONTROL LOT # EXPIRATION DATE	×
ADENOVIRUS QC ENTRY	1 boxes for Lot # 123456 have been added.
LOT NUMBER BOX NUMBER Dositive	
EXTERNAL CONTROL Save QC	ОК

- Next Add the external control lot number and expiration.
- Select "Save Control" and a confirmatory Prompt Will Appear.

Adenovirus Kit Data Entry - POCT QC Suite	
LOT NUMBER # OF BOXES EXPIRATION DATE 123456 1 G6/28/2021 Save Kit	
ADENOVIRUS CONTROL ENTRY	X
78910 06/28/2021 Save Control ADENOVIRUS QC ENTRY	External Control 78910 has been added.
LOT NUMBER BOX NUMBER Positive Save QC	ОК



- To QC, select the lot number of the kit from the dropdown menu, select box number 1 from the dropdown menu and select the external control lot number.
- Check the Negative and Positive boxes if the controls react accordingly and press the "Save QC" button. A confirmatory prompt will appear. If QC is performed correctly, that box number will no longer appear in the dropdown menu and the lot is considered QC'd.

Adenovirus Kit Data Entry - POCT QC Suite 📃 🗖 🗙	
ADENOVIRUS KIT ENTRY	
LOT NUMBER # OF BOXES EXPIRATION DATE	
ADENOVIRUS CONTROL ENTRY	
EXTERNAL CONTROL LOT # EXPIRATION DATE	×
06/28/2021 Save Control	
ADENOVIRUS QC ENTRY	Box 1 has been updated!
LOT NUMBER BOX NUMBER Soitive	
EXTERNAL CONTROL	ОК
Save QC	OK

Adenovirus Kit

123456 - Active
 Exp: 2021-06-28
 External Control: 78910
 Exp: 2021-06-28

Ø

Note: if multiple boxes and lots are received, QC only one box at a time to avoid confusion. Only the most current lot passing quality control will appear on the Active list on your Home Screen.

**Helpful Hint: Label each box with the QC date

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Active Reagents – If your location has reagents that have been entered but have not expired, you will see them on this list. Clicking the lot number will show the expiration date and date opened to the right.

A1c Reagent Dat	ta Entry	y - POCT QC	Suite 🗕 🗖 🗙			
ACTIVE CARTRIDGES	2					
		EXPIR	ATION DATE			
		na				
		DATE OPENED				
		na				
A	DD NE	W CARTRIDO	5E			
LOT #			XPIRATION DATE /04/2019			
DATE OPENED						
ACTIVE LIQUID CONT 123654 [A]	ACTIVE LIQUID CONTROLS 123654 [A] EXPIRATION DATE na Na					
		DATE OPENE	D			
		na				
		NORMAL	ABNORMAL			
		na	na			
ADD	ADD NEW LIQUID CONTROL					
LOT #	EXPIR	ATION DATE	DATE OPENED			
	12/04/	2019 🔲 🔻	12/04/2019 ¥			
NORMAL RANGE	ABNO	RMAL RANGE	SAVE			

Helpful Hint: Date reagents when opened and mark them with assigned letter designations to avoid confusion



ENTERING TEST DATA

Your location is responsible for data entry everyday patient testing occurs. If QC is not performed, documentation is required.

Marking test as "Not Tested"

If QC patient testing is not performed on that test for the day. Make sure to document "Not tested" for that test.

- 1. From the home screen, select the "Data Entry" menu
- 2. Select Mark as "Not Tested" then select the test to be marked.
- 3. Enter comment, then select ok.
- 4. A confirmation prompt will appear. Select "Yes" or "No."
- 5. This may be overridden, however, if QC is performed later that day.

	POCT QC Suite
	Please state why you are marking A1c as Not Tested.
Data Entry Reports Management Controls	Cancel
Mark as "Not Tested" Hgb	
Delete all POCT Test Data UA	No strips available
not completed A1c	

Mark A1c as Not Tested
You are about to mark A1c as Not Tested with the following reason: No strips available Do you want to continue?
Yes No



HgbA1C

On the home screen, select the enter data icon \square next to A1C.

- Instrument ID-Select the appropriate instrument from the dropdown list.
- **Cartridge**-Select the appropriate lot and box from the dropdown list.
- Liquid Control-Select the appropriate lot from the dropdown list.
- Normal Result-Enter your normal control result.
- Abnormal Result-Enter your abnormal control result.
- Select Save. A prompt will appear "All data has been recorded! QC Status: Passed or Failed."

A1c Data Entry - POCT QC Suite	= - ×	
INSTRUMENT ID CARTRIDGE	LIQUID CONTROL	QC Passed
	AL RESULT	I data has been recorded! C Status: Passed OK
A1c	1	
HAL - Passed	-	
Normal Result: 5.0		
Abnormal Result: 9.0		
Cartridge: 123456 [A]		
Liquid Control: 123654 [A]		

When entering QC results, if values fall outside of the acceptable range:

- Text box and normal values will change to red. If those values are saved a prompt will appear stating "QC failure, please document corrective action."
- Corrective action such as "will repeat test" or "Will contact POC for assistance" must be entered before proceeding. Character limit is greater than 10 characters.
- The Home Screen will show that test as "Failed" in red, prompting the user to repeat and result **only** the QC that failed. A red notepad will also appear to review documented corrective action.

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	A1c Data En	itry - POCT QC Suite	:	- - ×
IN: BUD		CARTRIDGE	LIQUID CON	ITROL
	NORMAL RES 4.0 Range: (4.6-6.0)	ULT ABNOF 8.0 Range: (8.	RMAL RESULT	
	J	Save		

ACTION REQUIRED	×
QC failure, please document corrective action. (10 characters minimum)	OK Cancel
0/23/20/22	3/73/7///

A1c BUD - Failed	
Normal Result: 4	
Abnormal Result: 12	
Cartridge: 123 [A]	
Liquid Control: 456 [A]	
\varTheta HAL - Failed	
Normal Result: 8	
Abnormal Result: 9	
Cartridge: 123 [A]	
Liquid Control: 456 [A]	

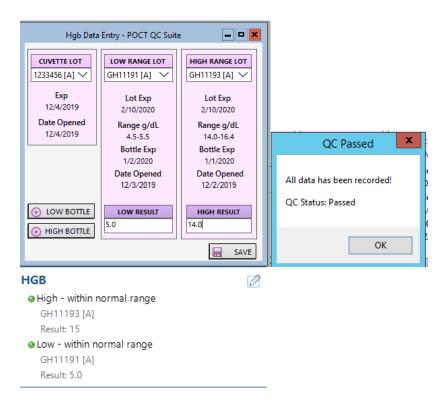


Hgb

On the home screen, select the enter data icon next to Hgb.

- **Cuvette Lot** Select the appropriate cuvette lot from the dropdown list.
- Low Range Lot-Select the appropriate lot and bottle from the dropdown list.
 - Enter a valid date opened, if necessary.
 - Enter the result.
- **High Range Lot**-Select the appropriate lot and bottle from the dropdown list.
 - Enter a valid date opened, if necessary.
 - Enter the result.

Press the "Save" button. A prompt will appear, stating either "QC Passed" or "QC Failed-Repeat Needed".



When entering QC results, if values fall outside of the acceptable range:

- Text box and normal values will change to red. If those values are saved a prompt will appear stating "QC failure, please document corrective action."
- Corrective action such as "will repeat test" or "Will contact POC for



assistance" must be entered before proceeding. Character limit is greater than 10 characters.

• The Home Screen will show that test as "Failed" in red, prompting the user to repeat and result **only** the QC that failed. A red notepad will also appear to review documented corrective action.

0	QC Falled - Repeat Needed A	ot E 0/2		
xd 0	All data has been recorded!	ge 4-1	HGB High - out of range	
		tle 22/2 20	GH05223 [D] 13	
l	ОК	3/2 1 RE	Low - out of range GH05221 [B] 6	

By default, each location will be given three bottles of low and high controls. If you require additional bottles, please click the corresponding button "Add Low Bottle" or "Add High Bottle", but do not assign a letter designation. Remember: controls are viable for 30 days or lot expiration date (whatever comes first) at room temperature or refrigeration upon opening and this new bottle expiration will automatically be calculated.

Add Low Bottle		
Would you like to add a new Low bottle to GH11191?		
Yes No		

**Helpful Hint: Date the bottle when opened and label the control bottle(s) with the corresponding letter designation to avoid confusion.



UA

On the home screen, select the enter data icon \checkmark next to Urinalysis.

- **Device ID**-Enter the 3-letter designation of urinalysis analyzer if automated.
- **UA Strips**-Select the appropriate UA strip lot from the dropdown list.
- **UA Controls**-Select the appropriate UA control lots from the dropdown list. If the lots do not appear on the list, please notify the Point of Care Department.
- **Reading Method**-Select the appropriate reading method for the strip chosen.
- Enter all test results from your printout or manual test. If a particular result is out of range, it will alert you by changing the corresponding field to red.

Urinalysis Data Entry - POCT QC Suite				
DEVICE ID		UA STRIPS	\sim	
READING METHO		UA CONTROLS	~	SAVE
TEST	POSIT	IVE	NE	GATIVE
GLUCOSE		\sim		\sim
BILIRUBIN		<u> </u>		\sim
KETONE		\sim		\sim
SPECIFIC GRAVITY		\sim		\sim
BLOOD		\sim		\sim
PH		\sim		\sim
PROTEIN		\sim		\sim
UROBILINOGEN		~ [\sim
NITRITE		\sim		\sim
LEUKOCYTE ESTERASE		\sim		\sim

Press the "Save" button.

Repeat for remaining test strip types.

Those strip types passing QC will subsequently be removed from the dropdown.



REFRACTOMETER

On the home screen, select the enter data icon \checkmark next to Urinalysis.

- MAS UA Controls-Select the appropriate UA control lots from the dropdown list. If the lots do not appear on the list, please notify the Point of Care Department.
- **DEVICE ID**-Enter the designated device ID
- Enter all test results for Deionized water, MAS UA Negative Control and MAS UA Positive Control

MAS UA CONTROLS	
UB1522121/UB1522122/	
DEVICE ID	
TST V	
DEIONIZED WATER	
0.999	
0.999 to 1.001	
MAS UA NEGATIVE	POCT QC Suite ×
1.005	
1.000 to 1.010	
MAS UA POSITIVE	Refractometer data has been added!
1.020	OC Status: Passed
1.010 to 1.035	Qu status russed

When entering QC results, if values fall outside of the acceptable range:

- Text box and normal values will change to red. If those values are saved a prompt will appear stating "QC failure, please document corrective action."
- Corrective action such as "will repeat test" or "contacting POC" must be entered before proceeding. Character limit is greater than 10 characters.
- The Home Screen will show that test as "Failed" in red, prompting the user to repeat and result **only** the QC that failed. A red notepad will also appear to review documented corrective action.

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ACTION REQUIRED	×	
QC failure, please document corrective action. (10 characters minimum)	OK Cancel	
1 000 to 1 010		
POCT QC Suite X		
Refractometer data has been added!		
QC Status: Failed		
		Failed Refractometer Note X
		Corrective Action will repeat test
Refractometer		Deionized Water: Failed
• UB6022121/UB6022122 - Failed		bromero2 5/24/2022 5:34:24 PM
Deionized Water: 1.010		J/27/2022 J.J4/24 FWI
MAS UA Negative: 1.000 MAS UA Positive: 1.020		ОК



Departmental Spot Check

Managers and their designees will have the ability to perform Departmental Spot Checks.

- From the home screen
- Select "Spot Check".



• Select your location from the dropdown, enter in a date, and hit "Search".

Γ		Spot Check - POCT QC Suite	×
	LOCATION MIDTOWN IM	DATE 12/ 3/2019 □▼	C SEARCH
	POC DEVICE	DAILY COMPLIANCE	ADDITIONAL INFORMATION
	HGB	NOT IN USE	
	A1C	NOT IN USE	
2	UA	PASSED	2019-12-03 10:52:43 -
	PREG KIT	HCG9010018 EXP 2020-12-31	
10	STREP KIT	90225X EXP 2020-05-31	
N.	FLU KIT	90228Z EXP 2020-08-31	
-	BV KIT	B2435 EXP 2020-05-20	
P	COAGU CHEK	NOT IN USE	

Please contact our department to add or remove designees.



Troubleshooting

If you experience any issues with the application, please contact the POCT team.

Vocera: 916-734-0775 Point of Care

Email: <u>hs-Pointofcaretesting@ucdavis.edu</u>