Infectious Disease

Order Submission by Remote Order Entry (ROE)

Reference Guide New York State Department of Health Wadsworth Center



Department of Health

Wadsworth Center

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Overview

The Wadsworth Center Laboratory Information Management System (CLIMS) is a specimen tracking and reporting system used by the New York State Department of Health (NYSDOH) Wadsworth Center, Division of Infectious Diseases (DID) and Division of Environmental Health Sciences (DEHS) laboratories. It is accessible via the Health Commerce System (HCS) on the NYSDOH secure internet.

CLIMS allows a submitter to track specimen receipt and access test results for the Arbovirus, Bacteriology, Biodefense, Chlamydia, Diagnostic Immunology, Gonorrhea screening, Mycobacteriology, Mycology, Parasitology, Rabies, Syphilis, Viral Encephalitis and Virus Reference and Surveillance Laboratories.

CLIMS is also used by all DEHS laboratories, which include the Asbestos, Environmental Bacteriology, Bio-Organic, Organic, Inorganic, Laboratory Response Network – Chemistry (LRN-C), Nuclear, Medical Marijuana and Trace Elements laboratories.

Remote Order Entry (ROE) is a feature that allows the submitter to electronically submit test orders. The submitter can enter demographic data, search for and request testing, and print the completed requisition form to be sent with the specimen/sample for submission. The submitter may enter orders for multiple patients at a time as well as individual patient orders. To allow submitters to track a specimen/sample through the testing and reporting process, an accession number is automatically generated and assigned to the specimen/sample. The accession number uniquely identifies the specimen/sample through the entire process.

Getting Started

; in to the Health Commerce System (HCS): https://commerce.health.state.ny.us	Select CLIMS from the list of My Applications on the left.			
System	<u>Note</u>: list of applications may vary based on permissions			
User ID	My Applications			
User ID	Acronyms & Abbreviations			
Password	CLIMS	0		
Password	ECLRS	0		
Forgot Your User ID or Password V Remember User ID	ECLRS Lab Live Reporting	0		
	Emergency Contacts			
	HINAPCF	0		
LOGIN	ServNY	0		
Don't Have An Account? Sign Up Here	Refresh My Applications List 🧲			

Note: First time users will be prompted to select their e-mail preferences.

E-mail notifications are sent twice daily when new reports are posted on HCS that the user has access to.

	Wadsworth Center • NYS Department of Health
	Welcome to the Wadsworth Center's web interface to the Clinical Laboratory Information Management System
Acti	on is required for you to set your e-mail account preference:
You notifi perm page	are required to set your e-mail preferences for notification of CLIMS specimen reports. If enrolled, you will receive a daily e-mai ication to the e-mail address registered with your HCS account. You will only receive a notification when results relevant to your nissions have been posted. You can change this setting in the future by clicking on the "My Preferences" link on the CLIMS Hom e.
Yes	Enroll in e-mail notification
No	Decline to enroll in e-mail notification
Rei	mind Me Later
	If you would like to change your e-mail address click on Account Settings, and follow the page instructions.

CLIMS Home FAQ DOH Home

CLIMS Home

Specimen Reports Specimen Receipts Management Reports Remote Order Specimen Summary Report Notification (No new report) My Preferences (Enroll in email notification)

Specimen Reports - page with links to test results

Specimen Receipts - page with links to acknowledgements by the Wadsworth Center for received and accessioned samples

Management Reports - page of available Management Reports for Rabies information

Remote Order - page to submit or review requests for DID Clinical Testing, Rabies Animal Testing, and DEHS Environmental Testing

Specimen Summary - page containing links to Requests, Receipts, or Reports for samples submitted, received, or reported within the last 90 days

Report Notification – page for viewing reports from the New York City reports processing

My Preferences - allows user to maintain e-mail notification settings

Remote Order Entry Home

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Remote Order Menu

Order Testing

Division of Infectious Diseases						
(Human, Animal, Food, Environmental)	(Animal Rabies)					
Place Order (DOH-4463)	Place Order (DOH-487)					
Upload Files						
Upload IDR or COVID Spreadsheet - allows upload of orders via spreadsheet Upload HI 7 File						
Download IDR Spreadsheet Template - can be used for COVID test orders to Wadsworth Center						
View/Edit Orders	Show Orders Pending Receip					
Order Management						
Show Pre Collection Orders Show Orders Pending Receipt Show Pending Shipments						
Reference Guide 🖾 - ROE Update						
Reference Guide 🔤 - legacy						
Search Catalog						

Place Order (DOH-4463) - page to select the type of DID order to place single or multiple orders

Upload IDR or COVID Spreadsheet – page to upload multiple Infectious Disease Requisition (IDR) orders via spreadsheets after validation and addressing any errors or updates as necessary

Upload HL7 File - page to upload HL7 files as directed by staff at Wadsworth Center

Download IDR Spreadsheet Template - page to obtain a blank IDR template and review instructions/ training material on how to use the IDR functionality

Order Management - page to view and update orders, grouped by status, including In-Progress, Pre-Collection, Submitted, and Received/Accessioned

Show Pre-Collection Order – (legacy) page for viewing and accessing orders that have blank or future Collection Dates

Show Orders Pending Receipt – (legacy) page for viewing and accessing orders that have been Submitted, but have not yet been received by the Wadsworth Center

Show Pending Shipments – (legacy) page for viewing and accessing orders containing multiple patients in one shipment that have been Submitted, but have not yet been received by the Wadsworth Center

Reference Guide – page for viewing instructions/training material on how to use the ROE functionality

Search Catalog – page for searching current Test Catalog to view individual tests, instructions, warning, and other information from the catalog

Order Management

The Order Management screen displays all of the orders for a facility on one screen, separated into different tabs based on the status of the order:



Order Management

Summary View is the default for all order types. Orders are displayed grouped by Tracking ID and ordered by Last Updated. All columns are sortable by clicking the column header.

Collapse	e All		Submitted Orders				Q Global Filter		×
Comn for th	non data ne entire	Tracking Id + 102_NOV_17_2021_10_22_AM	Source Contract Source	Order Type 🖨	Total Patients ÷	Total Samples ©	Delete:	s Order 🔹	Action +
0	rder 🔹	Submitter Patient Id 🗢	Last Name 🗢	Subn Speci	imen Id 🌻	Specimen/ Sa	mple reco	ords ion a	
	IDR2100063302	A1-JOE-WEST2	TWO	A2-JO		HUMA	N		
	IDR2100063305	A1-JOE-WEST5	FIVE	A5-JO	E Z Z	нима	N		
	IDR2 63303	A1-JOE-WEST3	THREE	OL-EA	E	HUM	Deletes singl	e 💦 🔳	
	IDR2 163304	A1-JOE-WEST4	FOUR	Sort	able	HUM	record from		
	Individual	A1-JOE-WEST1	ONE	colum	in and	HUM	Order	•	
	record's data		N (1	🗅 🕅 🗍 sub-co	olumn				
Total Re	within Order			head	ders				
>	SHIP_A	(P19_JAN_27_2022_11_51_PM	IDR_SPREADSHEET New	CLINICAL 1	1	1	CLIMS_HPN	03/02/2022	T

All tabs on Order Management can be toggled between Summary and Legacy display styles to view orders.

- Summary View all records associated with an Order are grouped under the shared Tracking ID which can be expanded to view individual record details
- Legacy View all orders are listed by Tracking ID and Accession ID, the same as in the previous ROE application

Screen Display

For the Order Management and Place Order screens, the screen is displayed based on a number of factors. Such factors include, but not limited to:

- Monitor size
- Screen resolution
- Browser
- Zoom setting in Browser

Because these setting can change how the screens will be displayed, users can adjust the settings to their personal preference. For example, the two images below show the Order Management screen at different levels of browser zoom.

Zoom at 100%										Z	oom a	t 75%)				
Orders f	or PFI2499 - Q	JEST DIAGNOSTI	CS INCORPORATI	ED		Orders for PFI2499 - QUEST DIAGNOSTICS INCORPORATED											
Select Facility : PFI2499 - QUEST DIAGNOSTICS INCORPORATED			EST DIAGNOSTICS INCORPORATED Charge to Legacy View				Charge to Lagery View										
									Displayin	g orders in Summa	ary View						
Display	ing orders in !	Summary View							🌲 Iri Prog	ress 🚯 👗 Pre Col	lection Orders 6 👘 Subr	mitted 10 as Received /	Accessioned 0				
👗 în Pro	ogress 🥵	Pre Collection Orders	6 🍰 Submittee	d 10 🚨 Received	d / Accessioned 0				_	Collapse /	AI		a Progress Orders		Q e	Jobsi Filter	×
	-			AND AND THE OWNER ADDRESS OF						ld i	Source #	Order Type	Total Patients	Total Samples	Staff 1	Lest updated	Action #
	Collapse	All	In I	Progress Orders	<u> </u>	Global Filter		*	>	110308	ROE Order	CLINICAL	1	1	NMC01	04/26/2022	
	ld e	Source +	Order Type	Total Patients	Total Samples	Staff #	Last updated	Action #	>	110256	ROE Order	CLINICAL	1	1	NMC01	04/25/2022	T
									>	110249	ROE Order	CLINICAL	1	1	NMC01	04/25/2022	T
>	110308	ROE Order	CLINICAL	1	1	NMC01	04/26/2022		>	110233	ROE Order	CUNICAL	1	3	J5M02	04/25/2022	π
>	110256	ROE Order	CLINICAL	1	1	NMC01	04/25/2022		>	110212	ROE Order	CLINICAL	1	1	NMC01	04/25/2022	#
>	110249	ROE Order	CLINICAL	1	1	NMC01	04/25/2022		>	110151	ROE Order	CLINICAL	2	2	NMC01	04/22/2022	π
-								-	- >	110028	ROE Order	CLINICAL	1	1	JSM02	04/20/2022	T
>	110233	ROE Order	CLINICAL	1	1	JSM02	04/25/2022	T		10000	DOE Outer	CUNICAL		0	1614112	04/20/2022	

Create Remote Order





ECLRS Import

The ECLRS Import is available for new Human Specimen orders. It allows submitted orders from the Electronic Clinical Laboratory Reporting System (ECLRS) to be imported into ROE.

Users must enter the ECLRS Accession/Specimen number, or multiple separated by commas, and select Import. When a match is found, the user will be taken to the Patient Grid to review and update the Demographic and Test information before submission. **Note:** ECLRS import may only be used if no Patients or Test Template have been added; once an ECLRS import has been done, the Test Template will no longer be available

Test Template

Test Templates are a set of information that is automatically applied to each patient entered in an order. This allows multiple patients to be entered in an order without having to re-enter some information multiple times. Test Templates can also be used for a single patient, allowing the entering of the test information before the patient information. The Individual Patient Tests screen can be used to enter test information after the patient data is entered for single and multiple patients.

In the Test Template, any information entered will be added to the Individual Patient Tests screen when a new patient is added. The test information that comes from a Test Template can be edited freely for any individual patient without effecting other patients or the Test Template itself.

Any fields on the Test Template screen can be used to create a Test Template, no validation is necessary on creation. Once a Test Template is applied to a patient, the standard validation is used before an order can be Submitted.

Suspe	cted Organism / Agent : *	Adenovirus gro	ip X		
					Add more Specimens
	Specimen #	Specimen Type	Specimen Source 🥫	Submitted on/in	Action
~	1	Primary	Nasopharyngeal Swab V OR Other	MRC-5	T
	Test Requested				
-	Adenovirus real-time PC	r 🚺			
					Add more Tests
	Collection Date :	01/01/2022	Collection Time : 13:30		
Re	ason for Submission :	Identification	Comments : Adenov	irus test information	
			-		
				1	
Ba	ack			Assign St	pecimen(s) to Patient

Example Test Template

Test Templates can only be created when no patient has been added yet, including importing patients from ECRLS. Once the first patient has been added, the Test Template can no longer be modified on the Test Template screen. The Individual Patient Tests screen for each patient may still be used to edit Test information from the Test Template for the individual patient.

For details on the information on the Test Template screen, refer to the **Individual Patient Tests** section.

Patient

Control to and Exp Accordion	Collapse and all sections	Back ✓ Expand All Accordio > Provider Information > Patient > Patient Address > Patient Work > Race / Ethnicity > Additional Patient Information > Exposure Information		Add tesi Patient. S	ts to current See Individual	Continue back to the Patient Grid	
Back X Collapse All	Accordions	> Symptoms		Patient	Tests section	Add a Test Continue Cancel	
✓ Provider Information				for mo	ore details.		
Patient Health Care Provider:	Optional		Patient Health Care P Number:	rovider Phone	(999) 999-9999? x99	9999]
NPI:	Optional		Health Care Provider	Zip:	99999]
V Patient Control Expand	to Collapse or I an Accordion						
	2 out 3 i	(Submitter Patient Id, Patient Last Na	ame and Patient Bir	th Date) fields	are required		_
Submitter Patient ID: "	Required		CDESS ID:		Optional		
Patient name, Last: *	Required		Patient name, First:		Required		
Patient Sex: *	Please select	~	Patient Gender:			~	
Patient Birthdate: *	MM/DD/YYYY 🗯	Not Available					
Required items indicated with red astrisk	Pati or N sat ir	ent Birthdate Not Available isfy required oformation					

✓ Patient Address			
Patient Address 1:	with red text	Patient Address 2:	Optional
Patient City:	Optional	Patient State: *	
			Patient State is required.
Patient County: *	Please select	Patient Zip:	99999
	Patient County is required.	_	
Patient Phone:	(999) 999-9999? x99999	Health Care Facility of Origin/Residence:	Optional

Note: Patient State, County, and Zip will be validated together based on the selected State.

- non-NY State County defaults to Out-of-State and Zip is not validated
- NY State County may not be Out-of-State and if Zip is entered, it must be valid for the County

Patient

Dates will be validated to prevent conditions that could not be possible, with appropriate validation messages displayed. Users will need to correct the dates or clear them out before the order can be Submitted. Orders can be saved with invalid dates, but all errors must be resolved before Submission.

Patient Birthdate: *	1 1 527 1 52	100
Fatient birthuate.	01/01/2000	信

<u>Birthdate</u> Before the Date of Death, Collection Date, Onset Date, Relevant Treatment

Date, Relevant Immunization Date

✓ Additional Patient Information						
Pregnant:	Select One	~	Pregnant Trimester:			
Health Care Worker:	Select One	~	Hospitalized:	Select O	One	
ICU:	Select One	~	Hospital Name:	Optiona	al	
Travel:	Select One	~	Travel location date:	Optiona	31 7	
Exposure to known Case:	Select One	~	Re Onset Date		ne	
Isolate?	Select One	~	su After the Birthdate			
Autopsy :	Select One	~	Fr Before the Date of Dea	ath	ne	
Date of Death:	MM/DD/YYYY 🗰		Onset Date:	MM/DD	/////	
After the Birthdate, Co Onset Date, Relevant T Relevant Immunization	llection Date, reatment Date, Date		Relevant Treatment date:	MM/DD	/////	
Relevant Immunization:	Optional		Relevant Immunization date:	MM/DD	/\\\\	
		Relev After	vant Treatment and Imm the Birthdate	nuniz	ation Da	<u>ite</u>

Before the Date of Death

Patient List

The Patient List will show all patients added to the Order, allowing both the Patient Details screen and the Individual Test screen to be accessed for the patient. Entries with errors will be indicated, allowing those errors to be resolved before submission.



Individual Patient Tests

The Individual Patient Tests screen will display the tests for any given patient, including the special instructions and Specimen Source for any entered data.

					Test Information		
Sear	ch f	for Test			Test Catalog Id Test Name	: 775 : Alphavirus RNA by RT-PCR	Î
or Suspected Agent/Organism		ion result	Yellow "i"	N 1	Туре	Instructions	
		Dected	shows details	`\	Performing Laboratory	Viral Encephalitis Lab	
		rganism			Methodology	Molecular Detection (real-time PCR, PCR and/or sequencing)	
			for lests		Preferred Specimens	Serum Cerebrai spinal fluid	
	2	7			Rejection Criteria	Patient not hospitalized or does not have a diagnosis of encephalitisimeninglits. Specimen received at ambient temperature. Specimen is not shipped forcen.	
C Sea	ch suspee	Suspected Organism / Agent	Test (s)		Special Instructions	Requires Wadsworth Center Lab approval Call 518-474-2892 or 518-474-4177 prior to submitting specimen For potential travel related arboviral infections, CSF and serum are acceptable samples.	5
	1	Acid-fast bacili	AFB Testing in Clinical Sp s (formerly Fast Track)		Collection Instructions	Body Fluid: Collect approx 1mL of fluid per laboratory protocol and place into a sterile container.	
	2	Adenovirus group	Adenovirus real-time		Storage Prior to Shipping	Store sample at -70 degrees C.	
	3	Serologic CDC Referral	Alok hacked this to point t HCV - Referral, Serology 🕄		Shipping Instructions	When using overnight courier, ship Monday through Thursday, excluding days preceding holidays. Specimen must be shipped divernight on dry ice. Specimen must be shipped "Brick" Dwarrieft and received within 24 hours via chosen carrier.	-
	4	Alphavirus	Alphavirus RNA by RT-PCR 1			· SAM AUNOS DIAS AN SUMANU POLICE AND AN AUTOMA SUL DE REME NOUL 29 DATES AN AUTOMUS AUTO	Veren
	5	Anaplasma phagocytophilum	Anaplasma phagocytophilum IgG Serology 🚺				1054
	6	Ehrlichiosis	Anaplasma/Ehrlichia chaffeensis/B. miyamotoi real-time PCR (1)				
	7	Antifungals	Antifungal Susceptibility Testing for CDC ARLN (1)				
	8	Antifungals	Antifungal Susceptibility Testing for Molds 👔				
	9	Antifungals	Antifungal Susceptibility Testing for Yeasts (1)				
	10	Antimicrobial Resistance	Antimicrobial Resistance Identification-Isolate (1)				
201 of 2	01 records		KI 🔍 1 2 3 4 5 D DI 10 🗸				

Selecting a Test will automatically list the associated Suspected Agent. This will also allow for other Tests to be added to a given Specimen or additional Specimen be added to the Patient. Manually entered Suspected Agents can be recorded in the appropriate text field.

etails for , pected Organism / Agent : *	Alphavirus	 Manually enter new Suspected Organisms 		Speci Add more	emen
Specimen #	Specimen Type	Specimen Source 🤨	Submitted on/in	Submitter Specimen #	Action
1 Test Requested Alphavirus RNA by RT-PC Requires Wadsworth Center Lab a For potential travel related arbovir	Primary	Select a Specimen Source or Other Specimen Source is required Specimen Source is required and defined by selected Test	Please select	Submitter specimen Id Submitter specimen Id is required	Tests
Collection Date :	MM/DD/YYYY	Collection Time :	single s	pecimen	
Reason for Submission :	Select	Comments :	Collection Tin	ne	

Note: Required Specimen Types and Specimen Source Types for individual Tests are determined by the catalog entry for the individual Test. Multiple Tests on the same Specimen will follow these rules. Warning informational messages will be displayed if the options selected do not match the catalog entry described rules.

Add

Review Screen

The review screen displays a summary of all Samples in the Order prior to submission. Individual records can be expanded to view all entered information for final review by selecting any Sample associated with the Patient. Selecting the record again will collapse the record details section.

Review Summary of single sample Remote in order	e v Screen					Samples w multiple t display tests ente	with sests all ered	
Specimenid #	Specimen Source	Patient Name (MR	N) DOB	Sex	Collection Da	te	Tests	
							Alphavirus RNA by RT-P(CR
<u>L900667</u>	Serum Smith, Jon (G		6) 01/01/2000	Male	03/01/2022	Anaplasma phagocytophilum		Serology
<u>J900554</u>	Serum	Smith, Jon (G565	6) 01/01/2000	Male	03/01/2022	Arboviru	us Plaque Reduction Neutral	zation (PRNT)
1 of 1 records			N Q	1 🗅 🕅	10 🗸			
Shipping Address : Back Return to Pati	Attn : Viral Encephalitis David Axelrod In David Axelrod In ent List	stitute, Wadsworth Center,	NYS Department of Health, 12	20 New Scotland	I Avenue, Albany, №	IY 12208	Submits the order	Submit
Selecting the Specimen Id opens the detail section								
Smith, Jon (G5656) Collapse All Accordions		Collapse and Expand all						
✓ Submitter Information	Acc	ordion sections						
Facility Name : Facility Address :	QUEST DIAGNOSTICS INCO 1 MALCOLM AVENUE , null, T	RPORATED ETERBORO,New Jersey,07608	L.	Facility PFI :		PFI2499		
✓ Patient Information								
Submitter Patient ID :	G5656			Patient name, Last	;	Smith		
Patient name, First :	Jon			Patient Sex :		Male		
Patient Birthdate :	01/01/2000							
✓ Patient Address								
Patient State :	NY			Patient County :		Albany		
Patient Zip :	12203							
✓ Additional Patient Information		N	ote: only fields	s with				
Onset Date :	04/06/2022	in	formation will	be disp	layed			
✓ Test Information				-				
Suspected Organism / Agent :	Alphavirus, Anaplasma phage	ocytophilum, Zika Virus		Collection Date :		03/01/2022		
Specimen# :	1		s	pecimen Type :		Primary		
Submitter Speciman ID :	L900667							
Test Name :	Alphavirus RNA by RT-PCF	: 						
Test Name :	Anaplasma phagocytophili	um IgG Serology	Note: all Specimen and Tests associated with Patient will		Tests will			
Specimen# :	2	be	e displayed			Primary		
Submitter Speciman ID :	J900554							
Test Name :	Arbovirus Plaque Reductio	n Neutralization (PRNT)						

Shipping Manifest

For Submitted orders that are not Pre-Collection, a Shipping Manifest will be displayed. The Shipping Manifest must be printed and included with the samples when they are shipped to Wadsworth Center.

						dialog box
						Print order
Shipping Manifest for QUEST DIAGNOSTICS INCORPORATED Comments will be						
Facility: QUEST DIAGNOSTICS INCORPORATED			Ship to : A	on printed		
TETERBORO, New Jersey, 07608				V N	Vadsworth Center VYS Department of He	
				Ą	Nbany NY 12208	
Tracking Id: SHIP_JSM02_APR_20_2022_08_56_AN	1			Shipping C	omments:	
Accession						1
for all Samples		Shipping Id				
in order SHIP	1851843			Outbreak II	Ds:	
Accession Id	Specimen Id	Specimen Source	Patient Name (MRN)	DOB	Sex Collection Date	Tests
	97	Serum	Smith, Jon (G5656)		Outbreak IDs, if	Alphavirus RNA by RT-PCR
IDR2200002797				NA	printed on the	Anaplasma phagocytophilum IgG Serology
III II III IIII IIIIIIIIIIIIIIIIIIIIII	J900554	Serum	Smith, Jon (G5656)	NA	Shipping Manifest Male 03/01/2022	Arbovirus Plaque Reduction Neutralization (PRNT)

Opens Print