

Which labs could we
work with?

Labs Accepting Samples Eligible for Fee-Exempt COVID-19 Testing

Exact Sciences

- 72 hour Turn-around time
- Nasal swab in saline
- Courier service: Gold Cross
- In Madison, serves all WI
- Acceptable patients: SEOC approval

Marshfield Clinic

- 48 hour Turn-around time
- NP swabs
- Courier service: Marshfield system
- In Marshfield, serves Northern WI
- Acceptable patients: SEOC approval

Wisconsin State Laboratory of Hygiene

- 48 hour Turn-around time
- NP, OP, Nasal, Sputum, BAL, post-mortem
- Courier service: Gold Cross
- In Madison, serves all WI
- Acceptable patients: DHS criteria

Milwaukee Health Department Laboratory

- 48 hour Turn-around time
- NP, OP, Nasal, Sputum, BAL, post-mortem
- Limited courier service
- In Milwaukee, serves Milwaukee area
- Acceptable patients: DHS criteria

Wisconsin Reference Laboratories

- Accelerated Analytical Laboratories, Inc.
- Coppe Laboratories
- Exact Sciences
- Marshfield Clinic
- Midwest Respiratory Virus Program
- NOAH Clinical Laboratory
- Wisconsin Diagnostic Laboratories



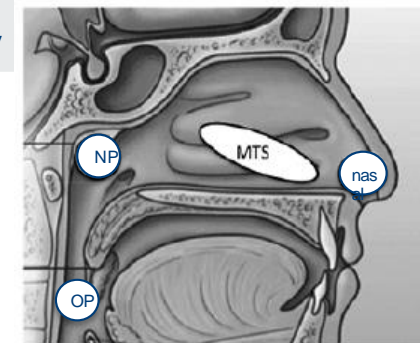
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contact information
for reference labs

Which specimen collection
methods should we use?

Choosing a COVID-19 Test Collection Method

(Upper Respiratory)

Specimen Type	Sensitivity	Comfort	Labs accepting	OK for Flu?	Orderable from SEOC?
Nasopharyngeal (NP)	★★★★★	★★★★☆	All	✓ Yes	✓ Yes
Anterior nares (Nasal)	★★★★☆	★★★★★	Exact, WSLH	Maybe	✓ Yes
Oropharyngeal (OP)	★★★★☆	★★★★★	All	No	✓ Yes
Mid-turbinate swab (MTS)	★★★★☆	★★★★☆	Coming soon	Maybe	Not currently



Specimen Collection Methods

Specimen Collection Method	Who Can Collect?	Related Fee-Exempt Supplies	Where can specimen be tested?
Nasopharyngeal (NP)	Person trained by a medical professional	<ul style="list-style-type: none"> Room Temperature Collection Kits Refrigerated Collection Kits Swab only Viral Transport Media (VTM) only Marshfield Clinic Collection supplies (order directly from Marshfield) 	<ul style="list-style-type: none"> Marshfield Wisconsin State Laboratory of Hygiene (WSLH) Milwaukee Health Department Laboratory (MHDL) Marshfield Clinic
Nasal Swab	Person trained by a medical professional	<ul style="list-style-type: none"> Exact Sciences Collection Supplies and Laboratory Services Swab only (specify Nasal swabs) 	<ul style="list-style-type: none"> Exact Sciences WSLH MHDL
Oropharyngeal (OP)	Person trained by a medical professional	<ul style="list-style-type: none"> Swab only (specify Nasal swabs, same swab as the nasal swab) 	<ul style="list-style-type: none"> WSLH MHDL
Observed Self-Swab	Observed by a person trained by a medical professional	<ul style="list-style-type: none"> Nasal swabs only 	<ul style="list-style-type: none"> Exact WSLH

Which testing methods
are available?

Types of Diagnostic Tests

Molecular

- Currently the most commonly used test
- **Pro:** Highly sensitive and specific
- **Limitations:** Time intensive and complex processing

Antigen

- **Pro:** Offer fast and scalable POC results
- **Limitations:** Lower sensitivity

Antibody

- Detect antibody response to document previous exposure to the virus
- **Limitations:** Not suitable for diagnosis of infections

Laboratory

- **Pro:** High throughput, quality and oversight
- **Limitations:** results take longer than POC tests

Point-of-Care (POC)

- **Pro:** Less complex processing with faster results
- **Limitations:** Lower sensitivity may require confirmatory laboratory testing

POC- CLIA Waived tests

Test	Method	Run time	Swab types	Confirmation?
Abbott ID Now	Molecular	5-13 min	NP, nasal, OP	Negatives
Cepheid GeneXpert	Molecular	40 min	NP, OP, nasal, mid-turbinate, nasal wash	no
Accula	Molecular	30 min	Nasal	no
Cue	Molecular	25 min	Nasal	Negatives
Quidel Sophia	Antigen	17 min	NP and nasal	<i>Negatives</i>
BD Veritor	Antigen	15 min	Nasal	Negatives

Symptomatic Antigen Testing strategy

