新型冠状病毒病2019（COVID-19）
标本采集和提交说明

说明：在收集和处理COVID-19检测的标本之前，必须确定该人是否符合是“正在调查的患者”（PUI）针对新型冠状病毒病2019（COVID-19）感染的现行定义，由美国疾病控制与预防中心（CDC）定义。所有疑似COVID-19病例必须由传染疾病流行病学部门（DIDE）评估和批准才能提交。请致电（304）558-5358，扩展1或接听服务（304）347-0843进行咨询。

标本采集

对于初次诊断测试，CDC建议收集和测试上呼吸道鼻咽部标本。标本应尽快采集，无论症状出现的时间。

采集过程中应遵循标准、接触和空气传播预防措施。这包括使用N-95或更高水平的呼吸器（如果呼吸器不可用）、眼保护、手套和一次性围裙。采集过程中应将医护人员人数限制在必要照顾病人的医护人员。鼻咽标本的采集可以在一个关闭的正常检查室内进行。

A. 鼻咽部（NP）
   • 标记一个病毒运输介质管，标签患者姓名或其他唯一标识符和采集日期。
   • 固定患者的头部，插入拭子进入鼻咽并停留10秒来吸收分泌物。
   • 将拭子立即放入标记的病毒运输介质管，折断拭子在折点处，盖紧盖子。
   • 冷藏2-8°C，最长72小时，并用冷藏包运输。如果标本不能在72小时内送达，冷冻至-70°C并用干冰运输。

标本运输

疑似COVID-19病例的标本必须按国际航空运输协会（IATA）危险品规则1.5和49CFR第172.0700 [美国运输部]进行分类、运输和运输。

标本必须保存在2-8°C，用冷藏包运输。如果样品不能在72小时内送达，标本必须保存在-70°C或更冷的温度，并用干冰运输。

所有标本必须包装以防止破碎和泄漏。标本容器应使用Parafilm®（或等效粘附剂）密封，并放入塑料拉链袋中。应放置足够的吸收材料以吸收
the entire contents of the Secondary Container (containing Primary Container) and separate the Primary Containers (containing specimen) to prevent breakage. Specimens being shipped with cold packs or other refrigerant blocks must be self-contained, not actual wet ice.

- Do not place any dry ice in the "Primary Container" or "Secondary Container", foam envelopes, plastic zippered bags, cryovial boxes, or hermetically sealed containers.
- Do not place any paperwork in the Secondary Containers or plastic zippered bags, so as not to damage the paperwork.

OTHER INFORMATION

1. Ensure that specimen is properly labeled with the patient name or unique identifier and the date of collection and that the Coronavirus Disease (COVID-19) Specimen Submission Form is completed entirely. Be sure to include the PUI#. The patient name or unique identifier on the form and collection container must be identical.
2. Do not delay shipment. Ship as soon after collection as possible.
3. Do not ship specimens on Friday or state holidays.
4. Specimens must be received at OLS within 72 hours of collection. If shipping is delayed, specimens must be frozen and shipped on dry ice.

CONTACT INFORMATION

Office of Laboratory Services

PH | 304-558-3530
FX | 304-558-3530

Office of Epidemiology and Prevention Services

Division of Infectious Disease Epidemiology

PH | 304-558-5358
FX | 304-558-8736

REFERENCES


Office of Laboratory Services --- https://dhhr.wv.gov/ols/labs/Pages/EmergingPathogens.aspx

WV DHHR --- coronavirus.wv.gov

