

Louisiana Office of Public Health Laboratories	
Test Name	Confirmation or Further Identification of a Pure Isolate of <i>Campylobacter</i>
PHL Location	Office of Public Health Laboratory Baton Rouge
CPT Code	87077, 87046
Synonyms	N/A
Brief Description of Test	Confirmatory test for <i>Campylobacter</i> species.
Possible Results	<i>Campylobacter jejuni</i> and other <i>Campylobacter</i> species Confirmation <i>Note: Isolates confirmed by culture methods are reflexed to conventional PCR for molecular characterization.</i>
Reference Range	N/A
Specimen Type	Pure viable isolate of suspected <i>Campylobacter</i> species from any source.
Specimen Container(s):	See storage and transport instructions. Specimens must be labeled with two patient identifiers which match the identifiers on the lab submission form.
Minimum volume accepted:	N/A
Collection Instructions	N/A
Storage and Transport Instructions	<p>Specimens should be maintained at ambient or refrigerated temperatures (2°C to 37°C) to ensure viability. Do not freeze or ship frozen. Specimens should be sent to the State Lab as soon as possible after the original collection date to allow for prompt epidemiological investigation.</p> <p>Guidance for transport of <i>Campylobacter</i> species</p> <ol style="list-style-type: none"> 1. <i>Campylobacter</i> require microaerophilic conditions to survive and do not survive under normal aerobic conditions. 2. A transport medium should be used when a delay of more than 2 hours is anticipated. 3. An overnight growth should be used for shipment to the OPH laboratory; DO NOT prepare isolates older than 24 hours for shipment to the OPH laboratory. If an isolate is older than 24 hours, re-sub and grow under microaerophilic conditions, then prepare for transport. 4. The OPH laboratory recommends using modified Cary-Blair medium containing reduced agar. However, several

	<p>types of transport media are useful for <i>Campylobacter</i> including: blood agar slants, chocolate agar slants, alkaline peptone water with thioglycolate and cysteine, modified Stuart medium, and Cary-Blair medium. Screw-cap tubes are preferred.</p> <p>5. DO NOT use commercial Stuart medium, buffered glycerol saline or Cary-Blair medium with Indicator for transport.</p>
Causes for Rejection	<ul style="list-style-type: none"> • Leaking or broken container. • The Lab form 93 is missing required information. • No Lab form 93 received with specimen. • Mislabeled or unlabeled specimen • Specimen temperature unacceptable upon receipt
Limitations of the Procedure	Culture submitted must be pure and viable.
Interfering Substances	N/A
References	Manual of Clinical Microbiology 10 th Edition
Additional Information	<p>Use Lab Form 93 and supply the following information:</p> <ul style="list-style-type: none"> • Patient's first and last name • Second Unique Identifier • Gender • Date of birth • Date specimen was collected • Source of specimen • Test requested • Submitter's name, address, telephone number, fax number and contact person
Release Date	4/2018
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