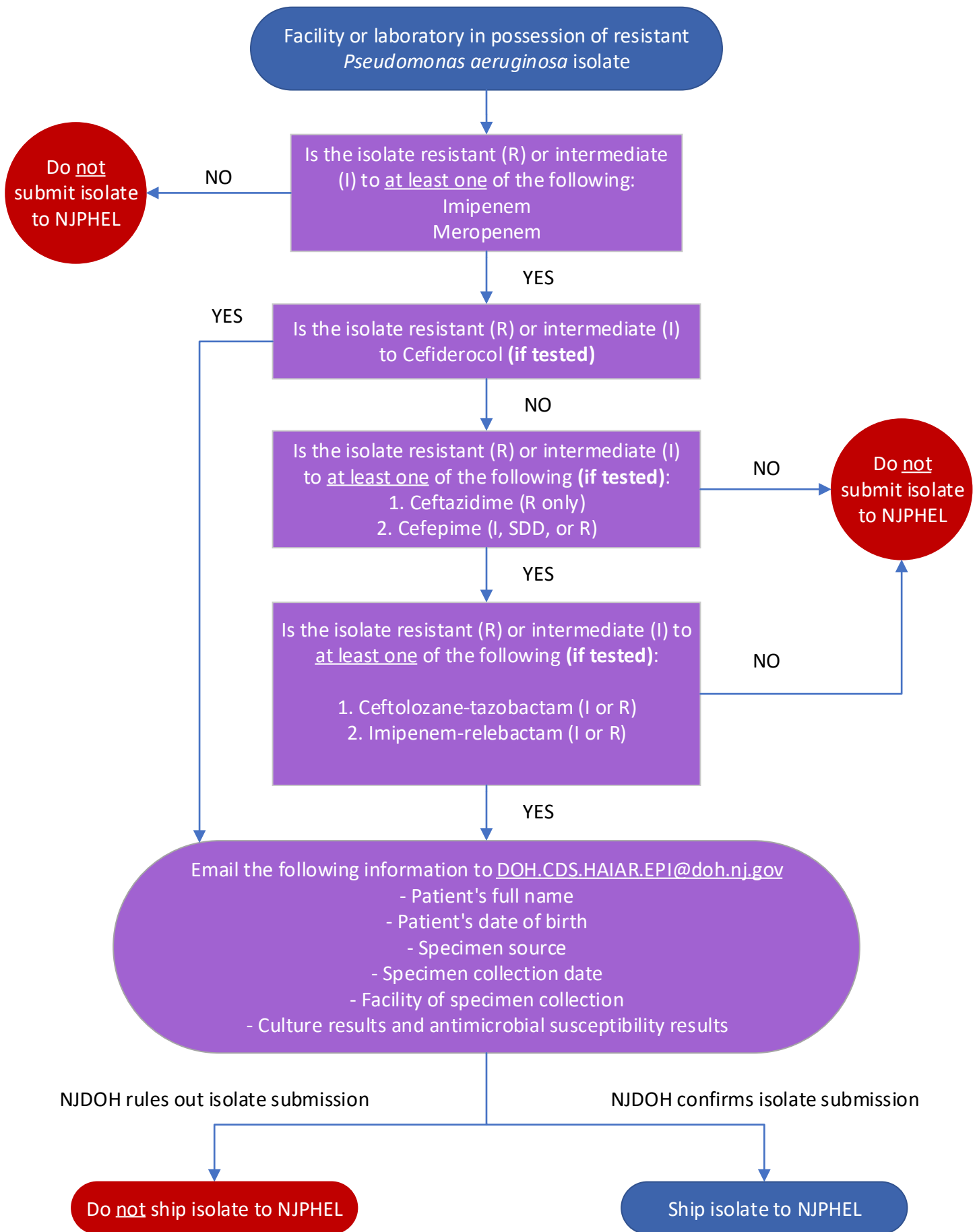


Process for *Pseudomonas aeruginosa* Isolate Submission and Reporting to NJDOH



NOTE: If none of the specified antimicrobials are tested, follow pathways for "YES"

Organism Group	Species	1 st Set of Criteria: Specific Carbapenem Susceptibility Results	2 nd Set of Criteria: Further Susceptibility Results	Exclusion Criteria
<i>Pseudomonas</i>	<i>Pseudomonas aeruginosa</i>	Resistant or Intermediate to at least one of the following*: <ul style="list-style-type: none"> • Imipenem • Meropenem 	Resistant or Intermediate to Cefiderocol OR Resistant to <u>at least one</u> of the following (if tested): <ul style="list-style-type: none"> • Ceftazidime • Cefepime (I, SDD or R) AND Resistant or Intermediate to <u>at least one</u> of the following (if tested): <ul style="list-style-type: none"> • Ceftolozane-tazobactam (I or R) • Imipenem-relebactam (I or R) 	EXCLUDE: <ul style="list-style-type: none"> • <i>P. aeruginosa</i> susceptible or intermediate to ceftazidime (if tested) • <i>P. aeruginosa</i> susceptible to cefepime (if tested) <i>*Pseudomonas aeruginosa</i> has intrinsic resistance to ertapenem

Instructions for CRPA Isolate Submission to PHEL:

1. **Ordering tests:** the appropriate testing being requested (i.e., AR Surveillance) must be indicated through one of the following methods:
 - a. Digital completion of test order paperwork using Copia (preferred method) – must select “AR Surveillance” testing
 - b. Completion of the PHEL test requisition form (i.e., BACT-109) that should be mailed out with the isolate
 - c. **PLEASE NOTE:**
 - i. Test results are faxed to the fax number provided in test requisition paperwork, so ensure an appropriate fax number is provided.
 - ii. Ensure the newly required fields “Original submitting facility name” and/or “Original Sample Collection Facility” is correctly completed to indicate the physical location (i.e., the specific healthcare facility or outpatient office) where the specimen was collected from the patient.
 - iii. The HAI/AR Epidemiology Team at NJDOH can help determine if the specimen corresponds to a known case patient and/or a body site already known to be positive to prevent duplicative isolate submission and unnecessary completion of case report forms. For assistance with this, securely email patient information (i.e., full name, date of birth) and specimen information (i.e., specimen source, collection date, facility of specimen collection, specimen results) to DOH.CDS.HAIAR.EPI@doh.nj.gov
2. **Inclusion of Antimicrobial Susceptibility Test Results:** Isolates must be submitted with copies of the antimicrobial susceptibility test results included. Testing will be delayed or cancelled if the necessary antimicrobial susceptibility test results are not provided by the submitter.
3. **Mixed Isolates:** Mixed isolates cannot undergo testing at PHEL and will require resubmission of pure colonies.
4. **Shipping Details:** CRPA isolates that meet the criteria for submission to PHEL as outlined above should be shipped to the following address:

ATTN: Special Bacteriology
NJ Public Health and Environmental Laboratories
3 Schwarzkopf Drive
Ewing, NJ 08628
5. **Contact Information:** Questions and concerns can be directed to doh-ICHEE LAB EPI@doh.nj.gov