



IDAHO DEPARTMENT OF HEALTH & WELFARE

DIVISION OF PUBLIC HEALTH

BUREAU OF LABORATORIES

www.statelab.idaho.gov

IDAHO SENTINEL LABORATORY NETWORK LAB UPDATE

April 29, 2019

CARBAPENEM RESISTANT ORGANISMS – PLEASE SEND ISOLATES TO THE STATE LAB IF IDENTIFIED

Carbapenem Resistant Organisms (CRO) are on the rise nationally and pose significant risk to carbapenem utility in clinical treatment. IBL currently performs molecular tests for the presence of the NDM, KPC, VIM, and Oxa-48-like resistance genes, and phenotypic testing for uncharacterized carbapenem resistance. This work is part of the CDC-driven Antimicrobial Resistance Laboratory Network program.

If your laboratory identifies any Enterobacteriaceae (especially *E. coli*, *K. pneumoniae*, and *Enterobacter spp.*) or *Pseudomonas aeruginosa* isolates which show resistance to carbapenem antibiotics such as Meropenem, Imipenem, Doripenem, or Ertapenem, please send the isolate to the Idaho Bureau of Labs for expanded antibiotic resistance testing and molecular characterization.

For more information or questions, please contact Matthew Burns at matthew.burns@dhw.idaho.gov or 208-334-0567.

Message Categories

Lab Alert: conveys the highest level of importance; warrants immediate action or attention.

Lab Advisory: important information for a specific incident or situation; may not require immediate action.

Lab Update: updated information regarding an incident or situation; unlikely to require immediate action.