

SHARP Strengthening HAI/AR Program Capacity (Project 2: Group A Activity 8)

City of Milwaukee Health Department Laboratory – Budget Justification

Personnel

Microbiologist:

Supplies and Materials

Culture Workup & Identification Supplies: MHDL is requesting funding to support the procurement of culture workup & identification supplies to recover GC isolates from genital and extragenital specimens (including pharyngeal specimens) and conduct Etest for azithromycin, ceftriaxone, cefixime on GC isolates recovered from these specimens in order to fulfill and maintain required workplan activities.

Specimen Collection Supplies: MHDL is requesting funding to support the procurement of specimen collection supplies to expand surveillance testing and obtain shared isolates statewide GC-AST referral services at MHDL in order to fulfill and maintain required workplan activities.

Susceptibility Supplies:

Residual NAAT Testing Supplies:

Genomic Supplies:

Bruker MALDI-TOF reagents and supplies: MHDL is requesting funding to support the supplies and reagents to implement, validate and routinely utilize the Bruker MALDI-TOF platform, in order to fulfill and maintain required workplan activities.

KingFisher reagents and supplies: MHDL is requesting funding to support the necessary supplies and reagents to implement, validate and routinely utilize the KingFisher platform, in order to fulfill and maintain required workplan activities.

NGS implementation reagents and supplies: Procure Next Generation sequencing (NGS) technologies, reagents, and supplies needed for implementation and validation of genetic sequencing to further characterize pathogens, toxins, and emerging infectious diseases.

Services/Contracts/Other

Courier Costs: Utilization of MHDL's courier is requested to support the delivery of GC isolates from the UW system's student health-academic and STD/NSTD sites to the MHD Laboratory on a daily basis or as needed during the active months of the grant.

Shipping Costs: MHDL is requesting funding to support anticipated shipping costs for sending suspect isolates with concerning resistance to CDC or regional AR laboratories for further characterization, as required by this project.