

Respiratory ID and Susceptibly Requirements Table

ORGANISM SUSPECTED	IDENTIFICATION REQUIREMENTS	SUSCEPTIBILITY TESTING
Beta Hemolytic Streptococcus	<u>Throat and/or non-predominant organism:</u> Catalase Streptex - Group A only <u>Non Throat and predominant organism:</u> Catalase Streptex - all groups	NO
Staphylococcus species	Catalase Staphaurex	S. aureus: <u>If Throat or not predom.</u> → NO <u>If predominant</u> → YES Coag. Negative Staph -----> NO
Streptococcus pneumoniae	Catalase Strep pneumo ID kit	YES
Haemophilus species	API-NH Kit	NO
Gram Negative Diplococci	Oxidase API-NH kit	NO
Gram Negative rods, oxidase positive or negative	Automated Identification	YES
-Lactose fermenting gram negative rods consistent with E.coli	-colony morphology is “dry” and “umbilicated” -spot indole positive	YES
-Non lactose fermenting gram negative rods consistent with Pseudomonas	-can inform physician that organism is E. Coli., perform Microscan panel for ID and susceptibilities.	YES

aeruginosa	-oxidase positive -grape-like odor -green or metallic sheen -can inform physician that organism is Pseudomonas aeruginosa, perform Microscan panel for ID and susceptibilities.	
Yeast	Report only if required (see Sputum SOP)	NO
Gram Positive Rods	Catalase Requires identification capabilities currently not present in the kit.	NO