

Test Name	Result Name	Example Test(s) / Comments	Disease or Microorganism
Chemistry	Chemistry	Consider general area to capture chemistry tests	
Culture	Culture / Identification	Many of the bacterial pathogens fall here (i.e. Salmonella, Neisseria meningitidis). This would capture referrals for identification.	<ul style="list-style-type: none"> • Streptococcus pyogenes • Campylobacter • Other enterics • Listeria • Salmonella • Shigella • Verotoxigenic E.coli • Tuberculosis • Neisseria meningitidis • Haemophilus Influenzae Type B • Etc.
Culture	Culture – Smear	Although part of culture testing process for AFB culture, it may be convenient to record AFB smear results separately for case investigation: <ul style="list-style-type: none"> (a) AFB not seen (b) AFB rare (c) AFB few (d) AFB 1+ (e) AFB 2+ (f) AFB 3+ (g) AFB 4+ 	<ul style="list-style-type: none"> • Tuberculosis
Diagnostic imaging	CAT Scan		
Diagnostic imaging	MRI		
Diagnostic imaging	Other		
Diagnostic imaging	Chest X-Ray		<ul style="list-style-type: none"> • Tuberculosis
Hematology	CD4 Count	HIV CD4 counts	<ul style="list-style-type: none"> • HIV/AIDS
Hematology	Cell count		
Hematology	Hematology	Consider general area to capture hematology tests	
Immunoassay	Antibody detection (EIA)	<ul style="list-style-type: none"> • HEPC screen • HIV screen (not done at the QEII) • West Nile virus antibody detection 	<ul style="list-style-type: none"> • Hepatitis C • HIV/AIDS • West Nile virus

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Immunoassay	Antibody IgG	<u>Mostly immunity tests:</u> <ul style="list-style-type: none"> • Hepatitis A IgG • Mumps IgG • Measles IgG • Parvo IgG • HTLV • Rabies IgG (titre) • Rubella IgG • VZI IgG 	<ul style="list-style-type: none"> • Hepatitis A • Mumps • Measles • HTLV • Rabies • Rubella
Immunoassay	Antibody IgG/IgM	Lyme screen	<ul style="list-style-type: none"> • Lyme
Immunoassay	Antibody IgM	<ul style="list-style-type: none"> • Measles IgM • Hepatitis A IgM • Rubella IgM • Parvo IgM • Toxo IgM 	<ul style="list-style-type: none"> • Measles • Hepatitis A • Rubella
Immunoassay	Antigen / Antibody Combo	HIV screen (QEII HIV test is a combination assay of HIV antibody / P24 antigen)	<ul style="list-style-type: none"> • HIV/Aids
Immunoassay	Antigen detection	<ul style="list-style-type: none"> • Clostridium difficile toxin screening test • Cryptosporidium / Giardia EIA and confirmation • Cryptococcal antigen • Enterohemorrhagic E.coli toxin by EIA • Malaria antigen screen • P24 Antigen confirmation (for HIV) • Rota/ Adeno rapid antigen • Mycobacteria tuberculosis rapid antigen test • Legionella urinary antigen detection 	<ul style="list-style-type: none"> • Clostridium difficile • Cryptosporidium • Giardia • Cryptococcus • Verotogenic / STEC E.coli • Malaria • HIV/AIDS • Rotavirus • Adenovirus • Tuberculosis • Legionella
Immunoassay	HB Core Antibody (Anti-HBc -IgG/IgM)		<ul style="list-style-type: none"> • Hepatitis B
Immunoassay	HB Core Antibody (Anti-HBc -IgM)		<ul style="list-style-type: none"> • Hepatitis B
Immunoassay	HB e-Antibody (Anti-HBe)		<ul style="list-style-type: none"> • Hepatitis B
Immunoassay	HB e-Antigen (HBeAg)		<ul style="list-style-type: none"> • Hepatitis B
Immunoassay	HB Surface Antibody (Anti-HBs)	Immunity Test	<ul style="list-style-type: none"> • Hepatitis B
Immunoassay	HB Surface Antigen (HBsAg)-pending confirmation	Hepatitis B surface antigen screen (pending QE11 confirmation); testing performed outside central zone QEII lab	<ul style="list-style-type: none"> • Hepatitis B

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Lab Tests & Result Names

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Immunoassay	HB Surface Antigen (HBsAg)-QEII-confirmed	Hepatitis B surface antigen confirmed at QEII	<ul style="list-style-type: none"> • Hepatitis B
Immunoassay	Immunoblot - IgG	<ul style="list-style-type: none"> • HIV confirmation (western blot or iBlot) • HCV RIBA (recombinant immunoblot assay - confirmation test) • Lyme immunoblot confirmation (western blot IgG) 	<ul style="list-style-type: none"> • HIV/Aids • Hepatitis C • Lyme
Immunoassay	Immunoblot - IgM	Lyme immunoblot confirmation (western blot IgM)	<ul style="list-style-type: none"> • Lyme
Immunoassay	Syphilis EIA Screen	Syphilis EIA screen	<ul style="list-style-type: none"> • Syphilis
Immunoassay	Syphilis FTA-ABS	Syphilis FTA-ABS	<ul style="list-style-type: none"> • Syphilis
Immunoassay	Syphilis Rapid Plasma Reagin (RPR)	Syphilis RPR screen / titre	<ul style="list-style-type: none"> • Syphilis
Immunoassay	Syphilis Treponema pallidum PA (TPPA)	Syphilis TPPA confirmation	<ul style="list-style-type: none"> • Syphilis
Immunoassay	Syphilis VDRL	Syphilis VDRL	<ul style="list-style-type: none"> • Syphilis
Microscopy	Microscopy	<ul style="list-style-type: none"> • Malaria microscopic exam • Parasite O&P • Tick examination 	<ul style="list-style-type: none"> • Malaria • Giardia • Cryptosporidium
Miscellaneous testing	Other testing (specify)	Consider general area to capture miscellaneous tests	
Miscellaneous testing	Prion testing	CID testing not covered by Pathology	<ul style="list-style-type: none"> • CID/Prion
Miscellaneous testing	Toxin testing	Other toxin testing, NOT Clostridium difficile	
MTb IGRA	MTb IGRA	Interferon Gamma Release Assay (IGRA)	<ul style="list-style-type: none"> • Tuberculosis

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NAAT	Presence or identity	<ul style="list-style-type: none"> • 16S PCR with sequence identification • Enteric PCR (i.e. Salmonella, Shigella, STEC, Campylobacter) • Clostridium difficile toxin PCR • Chlamydia / Gonorrhea NAAT • Cryptosporidium / Giardia PCR • Influenza PCR • Measles PCR • Mumps PCR • MRSA PCR • Multiplex Respiratory Virus PCR • Norovirus PCR • VRE PCR • Hepatitis A PCR • Etc. 	<ul style="list-style-type: none"> • Ebola • Streptococcus pyogenes • Campylobacter • Enterics • Listeria • Salmonella • Shigella • Verotoxigenic E.coli • Chlamydia • Gonorrhea • Tuberculosis • Pertussis • Influenza A or B • Respiratory Syncytial Virus (RSV) • Neisseria meningitidis • Haemophilus Influenzae Type B • Mumps • Measles • West Nile Virus • Etc
NAAT	Viral load	<u>Quantitative test with viral quantity (number Log₁₀U/mL)</u> HCV viral load HIV viral load HBV viral load	<ul style="list-style-type: none"> • Hepatitis C • HIV/AIDS • Hepatitis B
Non-human testing	Culture	<ul style="list-style-type: none"> • Growth of “organism” with or without unit of quantity 	
Non-human testing	Other – Environmental test	<ul style="list-style-type: none"> • Capture other individual testes (i.e. Heterotrophic plate count; chemicals) 	
Non-human testing	Presence or identify	<ul style="list-style-type: none"> • Water P/A test • Capture specific pathogens with a qualitative NAAT method 	
Non-human testing	Quantitative measure	<ul style="list-style-type: none"> • Water MPN (most probable number) quantitative test 	
Non-human testing	Toxin /Enterotoxin test	<ul style="list-style-type: none"> • Non-human 	



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Non-human testing	Viral Load	<ul style="list-style-type: none">• Capture specific pathogens with a quantitative NAAT method	
Pathology	Pathology	<ul style="list-style-type: none">• Suspected CID case• Acid fast bacilli seen• Spirochetes	<ul style="list-style-type: none">• CID/Prion• Tuberculosis• Syphilis