

Guidance Document for Entry Level Molecular Technique

Knowledge & Critical Thinking:	Application:	Documentation:
<ul style="list-style-type: none"> • Recognize the unique relevance of data collection and specimen collection and pre-analytic handling • Recognize relevant clinical history • Distinguish tissue and non-tissue elements • Verifies specimen contents to labeling and requisition • Correlates general anatomy and physiology to specimen type • Understands and documents fixation techniques and ischemic times • Understands the impact of specimen procurement method on samples • Recognize need for ancillary testing when indicated • Recognize unusual findings and follow appropriate protocols • Assesses QC and initiates appropriate troubleshooting • Participates in QA programs 	<ul style="list-style-type: none"> • Assess adequacy of positive patient identification (PPI) and specimen tracking • Provide macroscopic description • Identify specimen adequacy for processing • Prepare specimen for ancillary testing where required while maintain specimen integrity (e.g.) EM, flow cytometry and molecular testing, biobanking • Recognize and execute requirements for ischemic time, fixation, processing that will not interfere with specimen integrity • Adheres to measures in place to minimize risk of cross contamination • Performs nucleic acid extraction/quantitative • Performs PCR; including real time PCR • Perform basic analysis methods/instrumentation • Perform basic analysis/interpretation of test results 	<ul style="list-style-type: none"> • Document specimen identification • Prioritization of specimen • Document status of specimen at receipt • Document specimen receipt issues/integrity issues • Document ancillary sampling • Document macroscopic description and any modifications made to the sample • Document test results