



MOLECULAR BIOLOGY

GENERAL INFORMATION:

Molecular microbiology is the branch of microbiology is devoted to the study of the molecular basis of the physiological processes that occur in microorganisms.

Molecular testing methods have the potential to replace many conventional microbiology laboratory assays. Recent refinements in technology have resulted in more user-friendly testing platforms. These platforms are automated and have lowered risks for contamination, decreased costs, and are faster than older platforms.

REQUISITION:

A CytoPath requisition form must accompany the specimen to the laboratory. Use the Cytology requisition. Molecular Microbiology assays can be performed on the same specimen submitted for routine cytology studies, fresh samples and swabs.

Please include the following information on the requisition form to ensure accurate specimen preparation interpretation, result reporting and billing. Exclusion of any of the following information may result in specimen rejection and/or processing delays.

- Patient complete name, date of birth, sex and social security number.
- Specimen source.
- Date specimen was obtained.
- Pertinent clinical information
- Insurance name and policy number
- Patient's address
- Physician's complete name (first and last), as well as the complete name of any physician requiring copies of the report.