

Patient Information	Specimen Information	Client Information

**COMMENTS:**

Test Name	In Range	Out Of Range	Reference Range	Lab
NICOTINE AND EXPANDED				AMD
METABOLITES, LCMSMS, SP				
NICOTINE, SERUM/PLASMA	<2		ng/mL	
COTININE, SERUM/PLASMA	<2		ng/mL	
3OH COTININE, SERUM/PLASMA	<2		ng/mL	

Individuals exposed to second hand or passive tobacco smoke may demonstrate concentrations of nicotine and metabolites greater than those indicated for non-smokers.

Reference Ranges:

	Non-Smoker (ng/mL)	Active Tobacco User (ng/mL)
Nicotine	<4	2-10
Cotinine	<8	16-145
3-OH-Cotinine	<2	100-500

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute Chantilly, VA. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

**PERFORMING SITE:**

AMD QUEST DIAGNOSTICS/NICHOLS CHANTILLY, 14225 NEWBROOK DRIVE, CHANTILLY, VA 20151-2228 Laboratory Director: PATRICK W. MASON, MD, PHD, CLIA: 49D0221801