

## POST VASECTOMY SEMEN ANALYSIS

### TEST ANALYSIS AND REPORTING CHANGE

February 22, 2023

Effective February 28, 2023, Pacific Diagnostic Laboratories (PDL) will be modifying the reporting for SEMEN ANALYSIS POST-VASECTOMY (LAB891). An overview of these reporting changes is being provided below.

#### REPORTING CHANGE

SEMEN ANALYSIS POST-VASECTOMY (LAB891)		
Result Component	UPDATED REPORTING (effective 2/28/2023)	PREVIOUS REPORTING
Direct Observation	Absent	None Seen OR Present
Motile	1-3, 4-10, 11-20 or >20/HPF	0-2, 3-5, 6-9, 10-24, 25-49, >50/HPF
Non-Motile	1-3, 4-10, 11-20 or >20/HPF	0-2, 3-5, 6-9, 10-24, 25-49, >50/HPF
Comments based on result reported	<ul style="list-style-type: none"> <li><i>The absence of spermatozoa suggests azoospermia.</i></li> <li><i>Spermatozoa counts of &lt;4/HPF represent an estimated concentration of &lt;1 × 10<sup>6</sup>/ml - WHO Laboratory Manual for the Examination and Processing of Human Semen 5th Ed.</i></li> <li><i>Spermatozoa counts of &gt;4/HPF represent an estimated concentration of &gt;1 × 10<sup>6</sup>/ml - WHO Laboratory Manual for the Examination and Processing of Human Semen 5th Ed.</i></li> </ul>	
<i>HPF = High Power Field</i>		

#### WHY THIS IS CHANGING

PDL does periodic reviews of reporting guidance as part of our laboratory quality assurance program. The reporting changes were made based on American Urology Association (AUA) guidelines as well as World Health Organization (WHO) Laboratory Manual for the Examination and Processing of Human Semen 5<sup>th</sup> edition.

American Urology Association (AUA) guideline is available on the following website:  
[Vasectomy Guideline - American Urological Association \(auanet.org\)](http://auanet.org)

World Health Organization (WHO) Laboratory Manual for the Examination and Processing of Human Semen 5<sup>th</sup> edition is available on the following website: <https://apps.who.int/iris/handle/10665/44261>

FOR MORE INFORMATION PLEASE CONTACT PDL CLIENT SERVICES AT 805-879-8100