

The present invention relates to medicine, specifically to methods for laboratory analysis of functional activity of spermatozoons. The proposed method for analysis sperm in the sample implies that the sperm samples are incubated in formalin vapors, treated with phloxin solution, washed, dried, and analyzed by a microscope. The spermatozoons in the samples prepared for analysis are dyed in red color, which average intensity is determined according to a three-number scale. The functional activity of the spermatozoons is estimated from the average intensity of the spermatozoons color and from the intensity of the reaction of the spermatozoons with the phloxin in the phloxin solution.