



מרכז רפואי ע"ש ברוך פדה, פוריה  
מסונף לפקולטה לרפואה של אוניברסיטת בר אילן בגליל

The BARUCH PADEH Medical Center, Poriya  
Affiliated to The Faculty of Medicine in the Galilee – Bar-Ilan University

**Clinical Microbiology Laboratory**  
Laboratory Director: Dr. Avi Peretz

30 September 2018

**Attn:**

Mr. Barak Dror  
BIRAD Israel

**Re: Results of Testing of the Antibacterial Activity of Solutions Supplied by BIRAD**

Dear Sirs,

On 13 August 2018 we have performed a testing of the antibacterial activity of solutions supplied by your Company. The test method included a semi-quantitative culture using the NOVASTREAK kit (manufactures by Novamed, Israel) after exposure of suspension in initial concentration of  $10^8$  bacteria per ml to solutions at different incubation periods.

The test results are as follows:

**Solution 1: pH=6**

<b>Incubation time (minutes)/pathogen</b>	<b>0</b>	<b>3</b>	<b>10</b>
<i>Ps. aeruginosa-1</i>	$10^3$	No growth	No growth
<i>Ps. aeruginosa-2</i>	$10^3$	No growth	No growth
<i>Acinetobacter baumannii-1</i>	$10^4$	No growth	No growth
<i>Acinetobacter baumannii-2</i>	$10^6$	No growth	No growth
MRSA-1	No growth	No growth	No growth
MRSA-2	No growth	No growth	No growth
<i>Candida albicans</i>	No growth	No growth	No growth



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**Solution 2: pH=3**

Times: 0, 3, 10 minutes

Incubation time (minutes)/pathogen	0	3	10
<i>Ps. aeruginosa-1</i>	10 <sup>3</sup>	No growth	No growth
<i>Ps. aeruginosa-2</i>	10 <sup>3</sup>	No growth	No growth
<i>Acinetobacter baumannii-1</i>	10 <sup>6</sup>	No growth	No growth
<i>Acinetobacter baumannii-2</i>	10 <sup>6</sup>	No growth	No growth
MRSA-1	No growth	No growth	No growth
MRSA-2	No growth	No growth	No growth
<i>Candida albicans</i>	No growth	No growth	No growth

Comments:

It should be noted that the composition of the tested solutions is unknown to the laboratory and is not under the responsibility of the laboratory.

Best regards,

Dr. Avi Peretz

Director of the Microbiology Laboratory

and the Research Institute

President of the Israel Society for Clinical Laboratory Sciences