

# Bioscreen Faecal Microbial Analysis

<b>Collection Date:</b>	<b>Receipt Date:</b>	<b>Process Date:</b>
		<b>Completed Date</b>
<b>Name:</b>		<b>Referred by:</b>
<b>Address:</b>		
<b>Sample ID:</b>	<b>DOB:</b>	

Total Count	cfu/gm	Hi	Lo	Normal Range	% Distribution	Normal Distribution
<b>Total Bacterial Count</b>	6.46E+08		Lo	(1.0e+9 - 1.0e+12)		
<b>Aerobe:Anaerobe Ratio</b>	51.55	Hi		(1.0 - 2.0)	(Aerobe count/Anaerobe count)x1000	
<b>Aerobes</b>						
<b>Total Aerobe Count</b>	3.17E+07			(1.0E+7 - 1.0E+8)		
<b>Coliforms (Total)</b>	3.00E+07			(7.0E+6 - 9.0E+7)		
<i>Escherichia coli</i>	3.00E+07			(7.0E+6 - 9.0E+7)	94.63%	(70-90%)
<b>Enterococcus (Total)</b>	7.49E+04			(< 5.0E+05)	0.24%	(< 5%)
<i>Enterococcus casseliflavus</i>	7.49E+04				0.24%	
<b>Streptococcus (Total)</b>	1.60E+06	Hi		(<3.0E+05)	5.06%	(<5%)
<i>Streptococcus mitis/oralis</i>	1.53E+06					
<i>Streptococcus pleomorphus</i>	7.49E+04					
<b>Staphylococcus (Total)</b>	0.00E+00			(<2.0E+5)	0.00%	(<5%)
<b>Others (Total)</b>						
<i>Microbacterium testaceum</i>	2.25E+04				0.07%	(<5%)
<b>Yeast (Total)</b>	0.00E+00			(<1.0E+04)		

**Name: Silber, Larry**

Anaerobes	cfu/gm	Hi	Lo	Normal Range	% Distribution	Normal Distribution
<b>Total Anaerobes</b>	6.15E+08			(1.0E+08-1.0E+12)		
<b>Bacteroides spp. (Total)</b>	6.00E+08			(9.0E+07-9.5E+11)	97.56%	(90%-95%)
<i>Bacteroides intestinalis</i>	3.00E+08					
<i>Bacteroides thetaiotaomicron</i>	1.50E+08					
<i>Bacteroides massiliensis</i>	7.49E+07					
<i>Bacteroides caccae</i>	7.49E+07					
<b>Prevotella spp. (Total)</b>	0.00E+00			(<5.0E+8)	0.00%	(<10%)
<b>Porphromonas spp. (Total)</b>	0.00E+00			(<5.0E+8)	0.00%	(<10%)
<b>Eubacterium spp. (Total)</b>	0.00E+00			(<1.0E+9)	0.00%	(<15%)
<b>Lactobacillus spp. (Total)</b>	0.00E+00		Lo	(5.0E+05-1.0E+7)	0.00%	(0.5-1.5%)
<b>Bifidobacterium spp. (Total)</b>	1.50E+07			(5.0E+05-5.0E+8)	2.44%	(5%-11%)
<i>Bifidobacterium pseudocatenulatum</i>	1.50E+07					
<b>Clostridium spp. (Total)</b>	0.00E+00			(<5.0E+8)	0.00%	(1%-10%)

Note: E+# is the exponential power of 10; e.g. 1E+7 = 1x10<sup>7</sup>

Detection limits: Aerobe counts <1.0E+4 (1x10<sup>4</sup>) are reported as zero

Detection limits for anaerobes Bacteroides, Prevotella and Porphyromonas are <1.0E+8 (1x10<sup>8</sup>);

all other species counts <1.0E+5 (1x10<sup>5</sup>). Below these limits microflora is reported as zero.

\* = presumptive identification

Reference ranges obtained from Bioscreen data (n=177)

Hi = high; "Lo" = Low; "cfu" = colony forming units (viable count)