Sample Date• 09-01-2013

Gut Fermentation Profile

NOTE: A glucose load was given one hour before sampling.

	Resullt (um01/I)	Reference Range :
Alcohols: In most cases, it is only the ethanol result that is affected by the glucose load,		
Ethanol	18	less than 22
	< O. 1 mg/ dl	less than 0.1
Methanol	0.8	less than 2.5
2 -propanol	0.4	less than 1.0
1 -propanol	0.5	less than 0.5
2 - methyl-2-propanol	N.D.	less than 0.3
2 methyl-I-propanol	0.5	less than 0.3
2 -butanol	2.1	less than 2.3
I -butanol		less than 1.2
2 methyl -2 -butanol	N.D.	less than 0.5
2 -methyl -1 -but anol		less than 0.3
2 -ethyl-I-butanol	0.4	less than 1.0
2, 3 -butylene glycol	4 .5	less than 2.5
Short chain fatty acids and related subs tances :		
Acetate	59	52 – 85
propionate	11	10 – 56
Butyrate	N.D.	7 – 33
Succinate	12	1– 31
Valerate	13	2 – 19

N.D. - Not Detected .

Comment: All results assume 24 hours without alcohol 1ngestion and three to twelve hours fasting.

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Sample	Test	Result	Uni t s	Reference interval
PLASMA	D -LACTATE	5	um01 / L	<100
URINE	INDICANS	WEAK POSITIVE		