

File 1

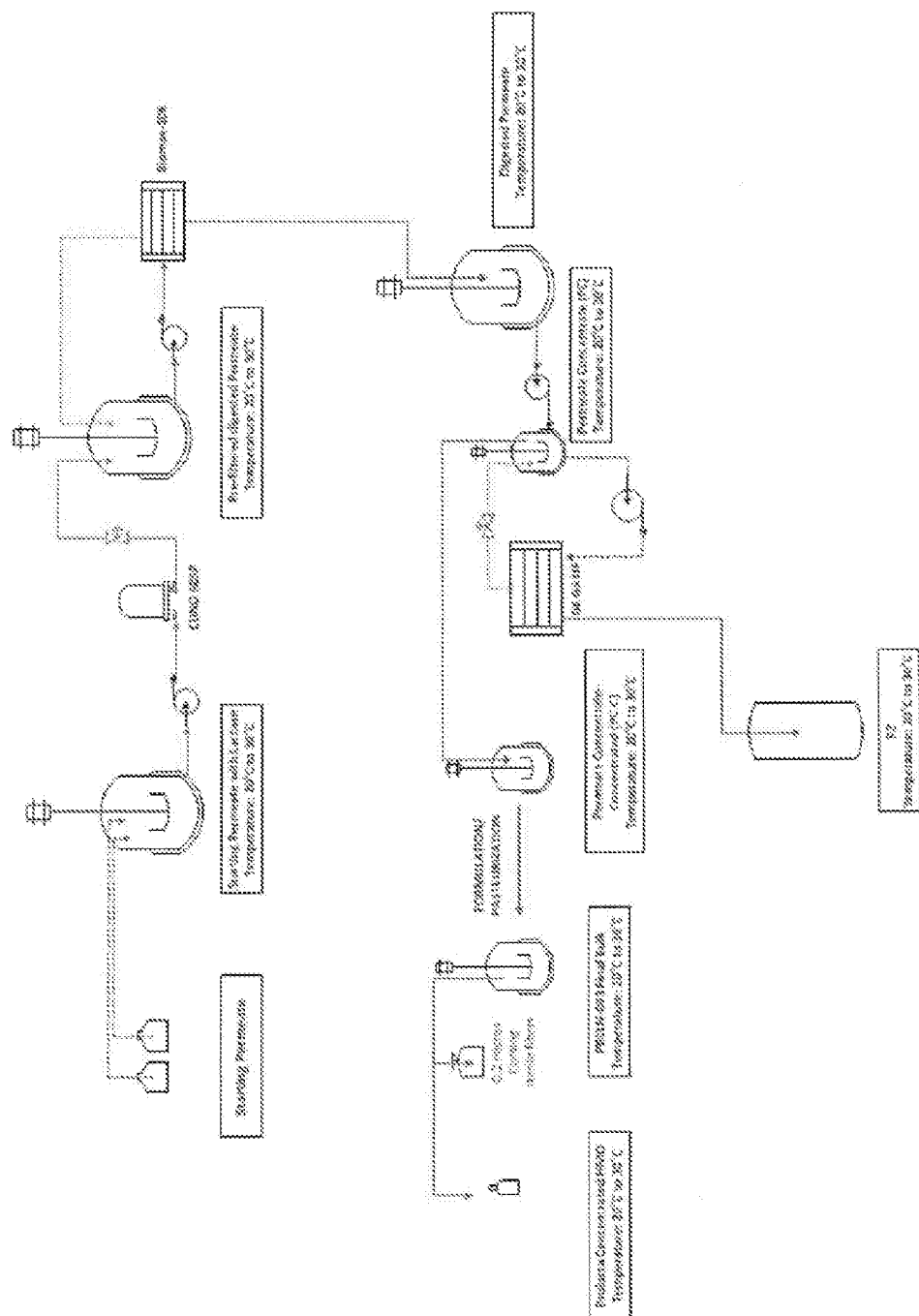


Figure 2

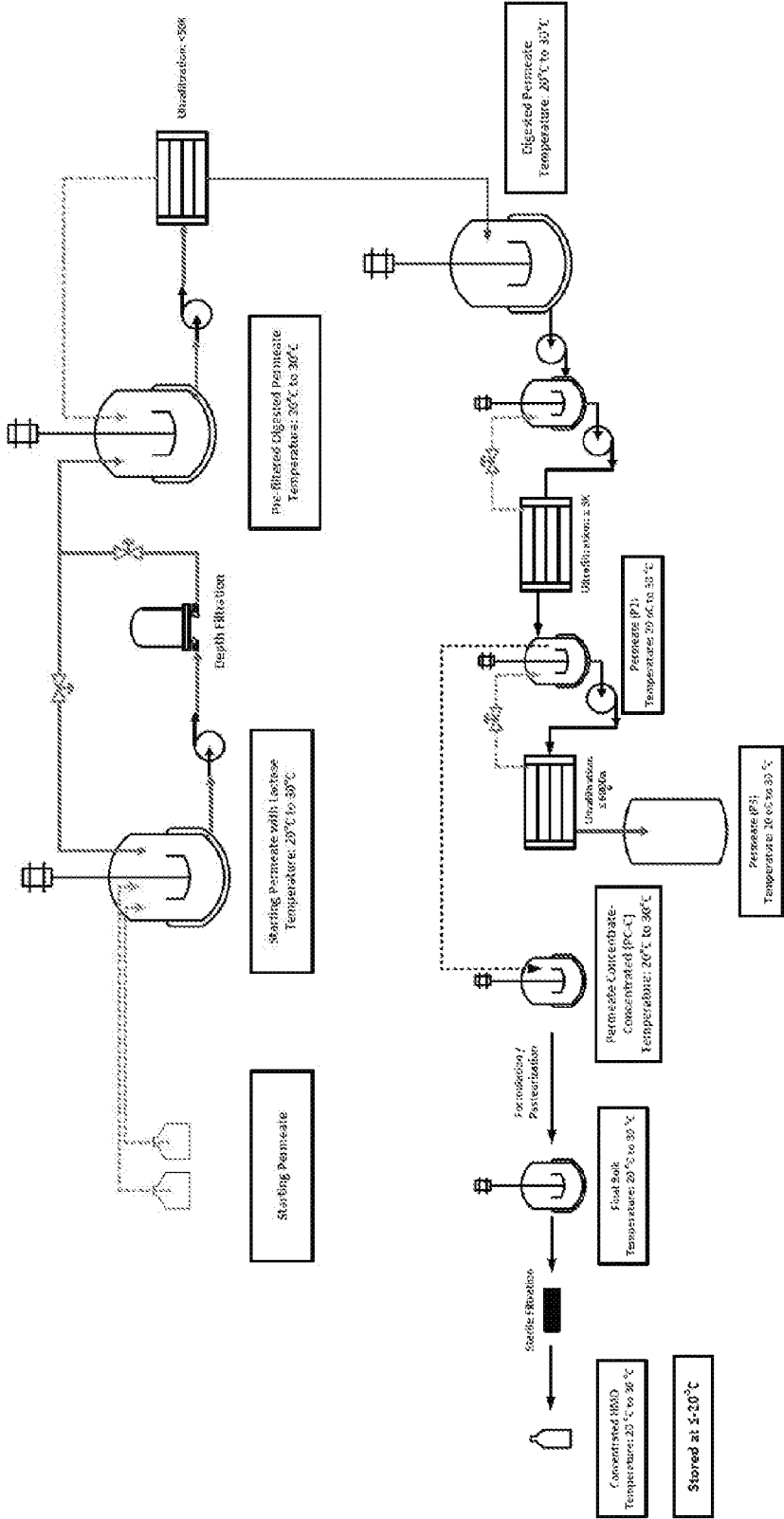


Figure 3

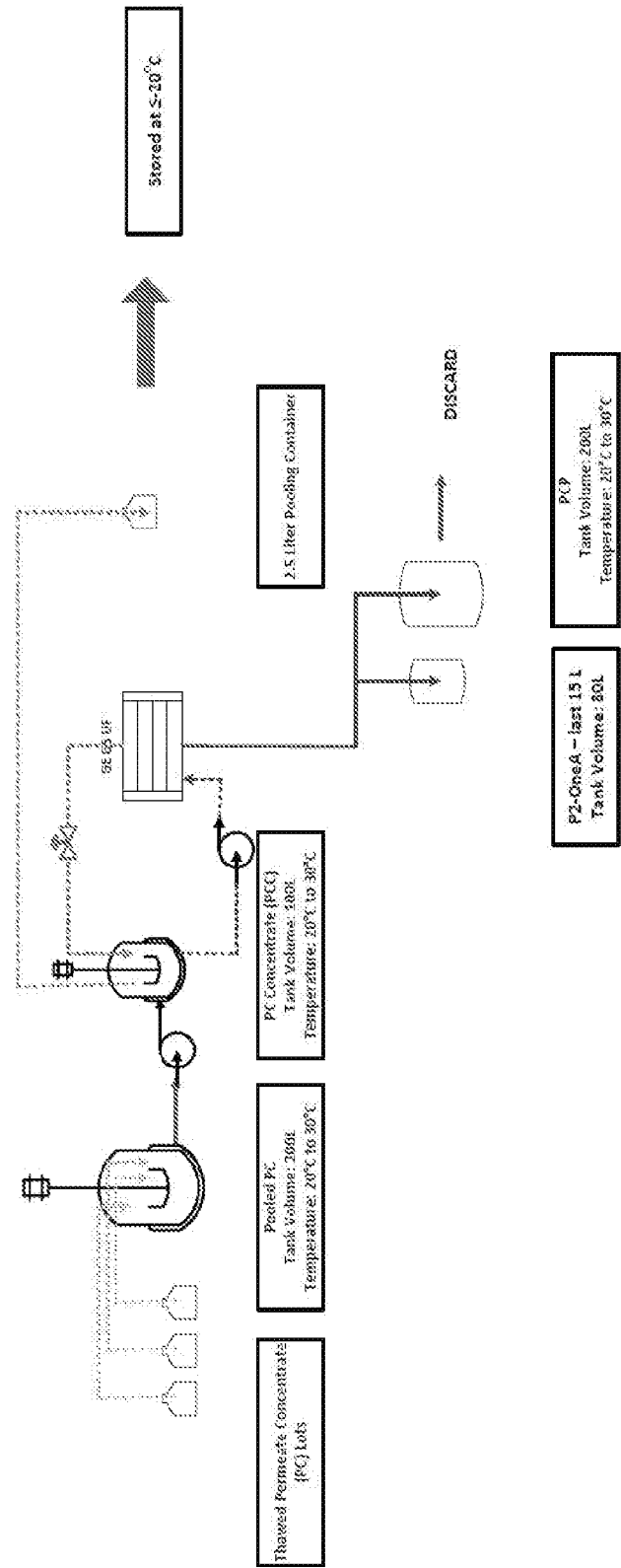
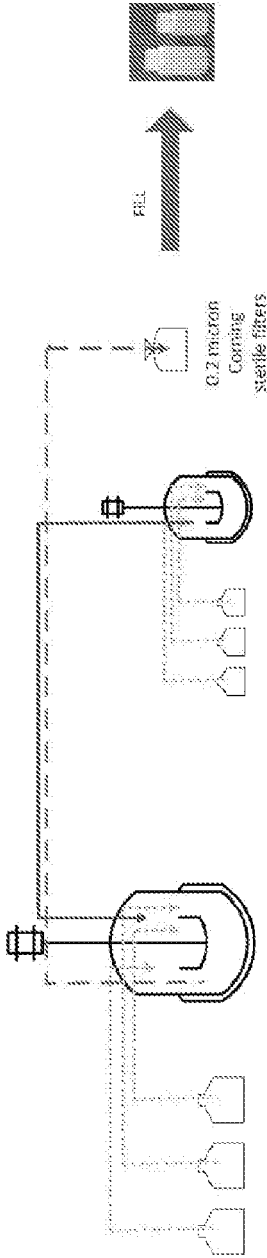


Figure 4

A



B

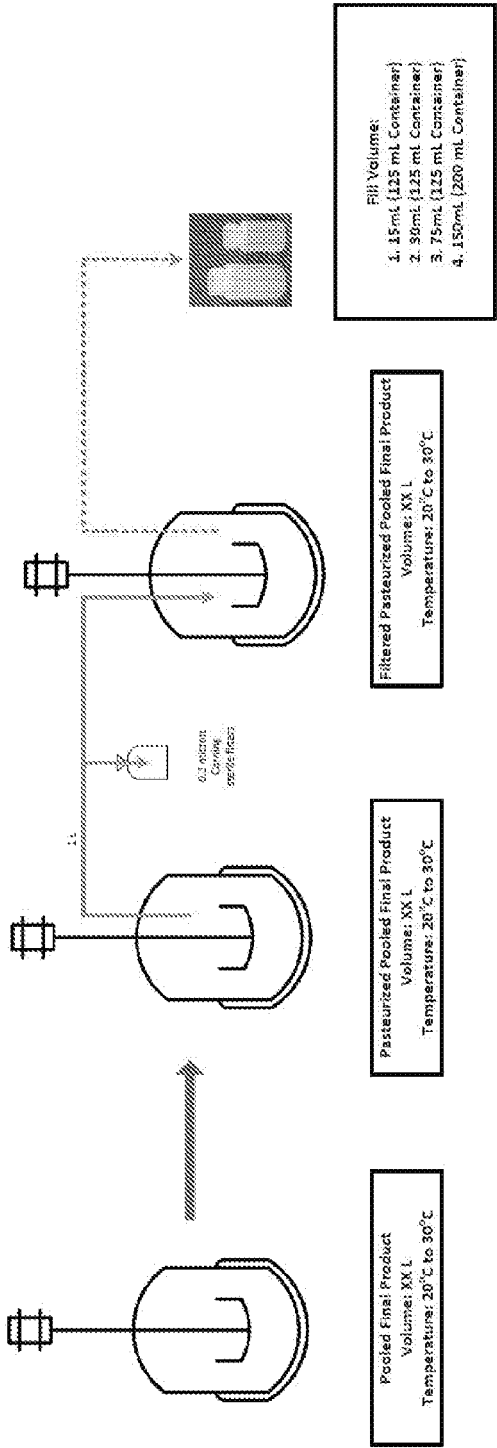


Figure 5

Purified HMO Human Milk Permeate Pooled Human Milk

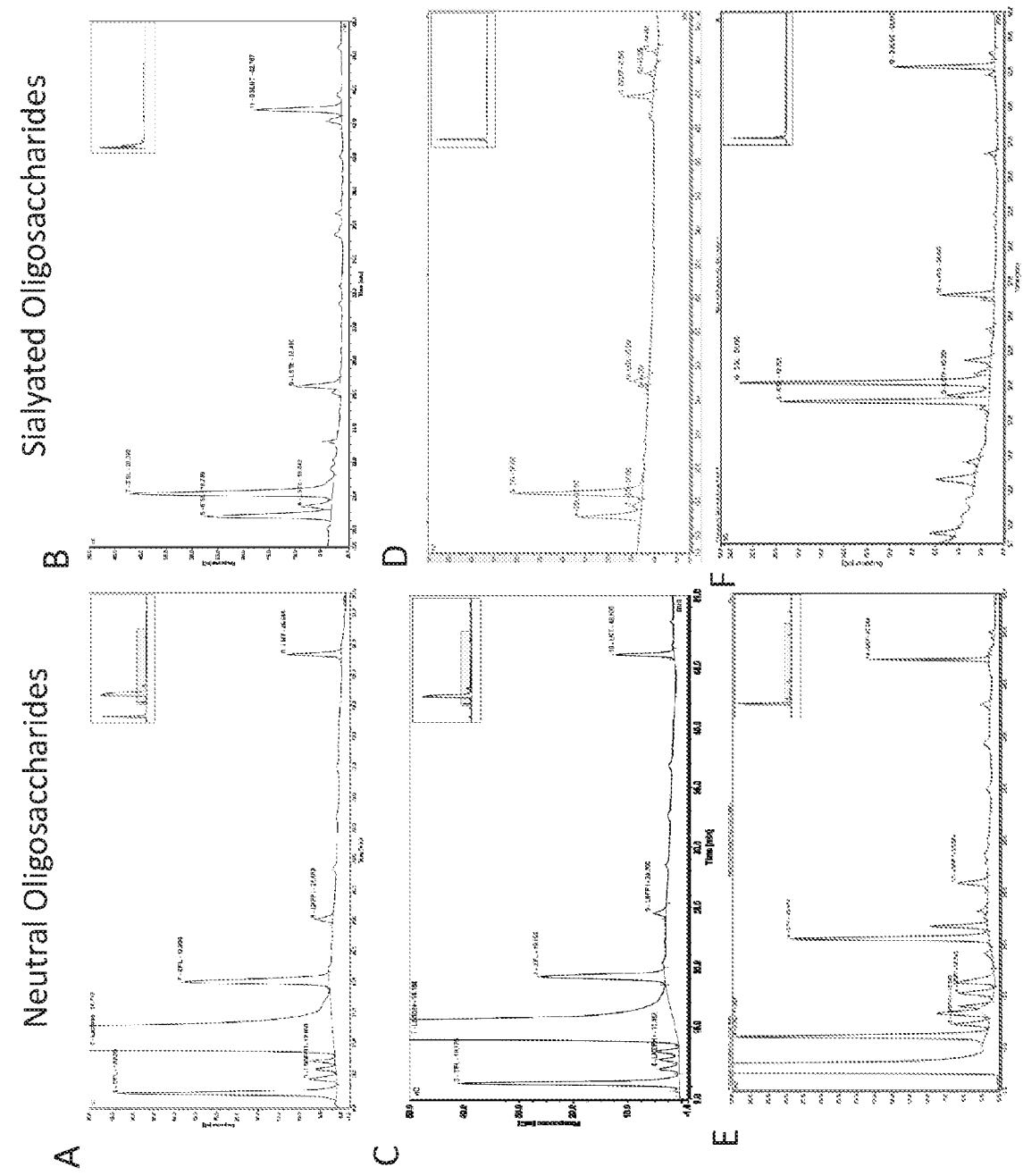


Figure 6

A	Serum			
	Biochemical Name	$\frac{D7}{D-1}$	$\frac{D14}{D-1}$	$\frac{D28}{D-1}$
	glucose	0.99	0.98	0.99
	N-acetylneuraminic acid	0.96	0.96	0.92
	N-acetylglucosamine/N-acetylgalactosamine	1.03	1.14	1.06

B	Feces			
	Biochemical Name	$\frac{D7}{D-1}$	$\frac{D14}{D-1}$	$\frac{D28}{D-1}$
	glucose	1.91	0.94	0.67
	fucose	0.87	1	1.07
	N-acetylglucosamine/N-acetylgalactosamine	0.3	0.08	0.33

C	Urine			
	Biochemical Name	$\frac{D7}{D-1}$	$\frac{D14}{D-1}$	$\frac{D28}{D-1}$
	glucose	1.07	0.9	1.01
	fucose	1.15	1.09	1.06
	lactose	0.41	0.49	0.82
	3-sialyllactose	0.78	0.81	1.14
	N-acetylneuraminic acid	0.98	0.84	0.89
	3'-sialyl-N-acetyllactosamine	0.96	0.95	0.95
	6-sialyl-N-acetyllactosamine	0.93	0.71	0.92
	N-acetylglucosaminylasparagine	0.97	0.97	0.98
	N-acetylglucosamine/N-acetylgalactosamine	1.08	1.08	1.08

D	Milk			
	Biochemical Name	Permeate Pooled Milk	HMO Pooled Milk	HMO Permeate
	glucose	0.93	0.93	0.93
	fucose	1.22	1.06	1.03
	N-acetylneuraminic acid	0.93	1.14	0.93
	N-acetylglucosamine/N-acetylgalactosamine	0.91	1.09	1.09

Figure 7

