A
system movement
Feed / PJ
pH=2
pH=6.6
pH=5.6
pH=6.15
pH=6.6
Waste
Stomach
Small intestine
Ascending colon
Transverse colon
Descending colon

B
Cycling Starts
Daily Cycling and Sampling
10 AM
6 PM
2 AM
10 AM
6 PM
2 AM
Add LGG
9:45 AM
Sampling Times
1 - 5 min after LGG addition
2 - 1 hour post 1st cycling
3 - 1 hour post 2nd cycling
N - 9:50 AM each subsequent day
1
2
3
N
N
N
Day 0
Day 1
Day 2
Day 3
Day 15
Mucosal Phase
Luminal Phase