

| Rumen | | | | | | | | | Feces | | | | | | |
|----------|---------|------------------|-----|------|------|-----------|------|------|-----------|-----|------|------|------|------|------|
| BASELINE | | 07-January-2014 | | | | serogroup | | | serogroup | | | | | | |
| Ram | Diet | O26 | O45 | O103 | O111 | O121 | O145 | O157 | O26 | O45 | O103 | O111 | O121 | O145 | O157 |
| 1 | control | | | | ++ | ++ | | | | | | ++ | | | |
| 2 | control | | ++ | ++ | | | | | | ++ | ++ | | ++ | | ++ |
| 3 | control | | | | | | ++ | | | | | ++ | | | |
| 4 | control | ++ | | | ++ | | | ++ | ++ | | | | | | |
| 5 | control | | ++ | | | | | ++ | ++ | | | ++ | ++ | | |
| 6 | control | | | ++ | | | | | ++ | | | ++ | ++ | | |
| 7 | control | | | ++ | | ++ | ++ | ++ | | | | | ++ | | |
| 8 | control | | | ++ | | | ++ | ++ | ++ | | | ++ | ++ | ++ | |
| PERIOD 1 | | 28-January-2014 | | | | serogroup | | | serogroup | | | | | | |
| Ram | Diet | O26 | O45 | O103 | O111 | O121 | O145 | O157 | O26 | O45 | O103 | O111 | O121 | O145 | O157 |
| 1 | control | | | | | | ++ | ++ | | | | ++ | ++ | | |
| 2 | 1%-SW | | | | | | | ++ | | | | | | | |
| 3 | 5%-SW | | | | | | | | | | | | | | |
| 4 | 1%-SW | | | | ++ | | | ++ | ++ | ++ | | ++ | | | |
| 5 | 3%-SW | | | ++ | ++ | | | ++ | | | | | | | |
| 6 | 3%-SW | | | | ++ | | | | | | | | | | |
| 7 | control | | | ++ | | | | ++ | | | | | | | |
| 8 | 5%-SW | | | ++ | ++ | | | | | | | | | | |
| PERIOD 2 | | 18-February-2014 | | | | serogroup | | | serogroup | | | | | | |
| Ram | Diet | O26 | O45 | O103 | O111 | O121 | O145 | O157 | O26 | O45 | O103 | O111 | O121 | O145 | O157 |
| 1 | 1%-SW | | ++ | | | | | ++ | | | | | | | |
| 2 | 5%-SW | | | | | | | | | | | | | | |
| 3 | 3%-SW | | | | | | | ++ | | | | | | | |
| 4 | 5%-SW | | | | | | | | | | | | | | |
| 5 | control | | | ++ | | | | | | | | | | | |
| 6 | control | | | | | | | ++ | | | | | | | |
| 7 | 1%-SW | | | | | ++ | | | | | | | | | |
| 8 | 3%-SW | | ++ | ++ | | | | ++ | | | | | | | |
| PERIOD 3 | | 11-March-2014 | | | | serogroup | | | serogroup | | | | | | |
| Ram | Diet | O26 | O45 | O103 | O111 | O121 | O145 | O157 | O26 | O45 | O103 | O111 | O121 | O145 | O157 |
| 1 | 3%-SW | | ++ | | | | | ++ | | | | | | | |
| 2 | control | ++ | ++ | ++ | ++ | | | | | ++ | | | | | |
| 3 | 1%-SW | | ++ | ++ | ++ | ++ | | ++ | | | | | | | |
| 4 | control | | ++ | | | ++ | | ++ | | ++ | | | | | |
| 5 | 5%-SW | | ++ | ++ | ++ | ++ | | ++ | | | | | | | |
| 6 | 5%-SW | ++ | ++ | | ++ | ++ | | ++ | ++ | | | | | | |
| 7 | 3%-SW | | ++ | ++ | | ++ | | ++ | | | | | | | |
| 8 | 1%-SW | | ++ | | | | | ++ | ++ | | ++ | | | | |
| PERIOD 4 | | 01-April-2014 | | | | serogroup | | | serogroup | | | | | | |
| Ram | Diet | O26 | O45 | O103 | O111 | O121 | O145 | O157 | O26 | O45 | O103 | O111 | O121 | O145 | O157 |
| 1 | 5%-SW | | ++ | ++ | | | ++ | ++ | | | | | | | |
| 2 | 3%-SW | | ++ | ++ | ++ | | ++ | ++ | | | | | | | |
| 3 | control | | | | ++ | | ++ | ++ | | | | | | | |
| 4 | 3%-SW | | | ++ | ++ | | | ++ | | | | | | | |
| 5 | 1%-SW | | | | | | ++ | ++ | | | | | ++ | | |
| 6 | 1%-SW | | | | ++ | | ++ | ++ | | | | | | | |
| 7 | 5%-SW | | | | | | | ++ | | | | | | | |
| 8 | control | | ++ | | | | ++ | ++ | | ++ | ++ | | ++ | | |