**Supplemental Digital Content 4.** Statistical results (*P*-value) from the multiple comparisons of the pH, proteolysis, general protease activity, pepsin/cathepsin D activity between the earlier and later preterm infantsin human milk, milkinc and in gastric contents1.

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| --- | --- | --- | --- |
|  | EPM vs LPM | EPMinc vs LPMinc | EPG vs LPG |
| Protein concentration | 0.58 | N/A | 0.72 |
| pH | 0.99 | N/A | 0.015 |
| Proteolysis | 0.99 | 0.99 | 0.64 |
| General protease activity | 0.99 | 0.99 | 0.95 |
| Pepsin/cathepsin activity | – | 0.82 | 0.57 |

**1** Paired milk and gastric samples were collected in the earlier preterm infants (24–27 wk of gestational age, 17–42 days of postnatal age, *N* = 10) and in the later preterm infants (29–32 wk of gestational age, 5–30 days of postnatal age, *N* = 6). Values are *P*-values via two-way ANOVA followed by Tukey’s honest significant difference *post hoc* test. EPM, earlier preterm milk; LPM, later preterm milk; EPMinc, earlier preterm milk incubated at gastric condition; LPMinc, later preterm milk incubated at gastric condition; EPG, earlier preterm stomach; LPG, later preterm stomach; –, not detectable. N/A, not applicable.