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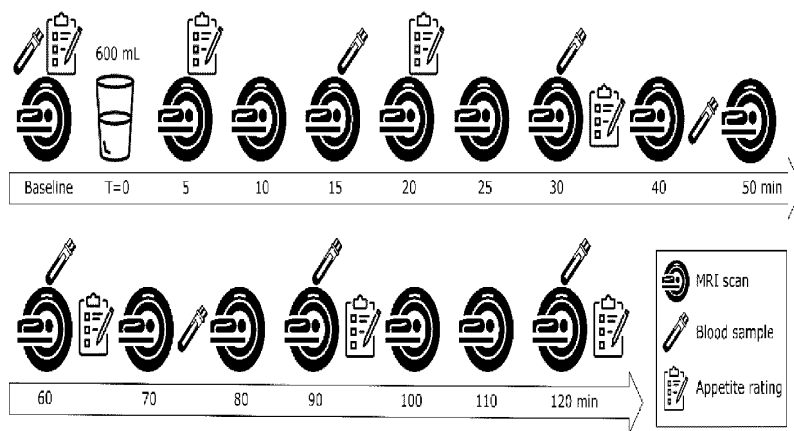
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(54) Title: NUTRITIONAL COMPOSITIONS SHOWING PHASE SEPARATION UNDER GASTRIC CONDITIONS COM-
PRISING PHOSPHOLIPIDS, METHODS FOR PREPARING THE SAME, AND USES THEREOF

Figure 1.



(57) Abstract: The invention relates to the field of nutritional compositions, methods for providing them and uses thereof. More in particular, it relates to ready-to- feed and powdered infant or growing up milk formulas showing desirable gastric digestion properties. Provided is a nutritional composition comprising casein, whey proteins comprising α -lactalbumin (aLac) and β -lactoglobulin (bLac), and protein-coated fat droplets, wherein the protein content of the composition is 5 to 20% (w/w), based on total solids; the bLac content is at least 3% (w/w) based on total protein level and the aLac + bLac content is at least 25% (w/w) based on the total protein level; the fat content is in the range of 10% to 50% (w/w) based on total solids; the fat droplets are coated with an average protein load of 2-10 mg/m² and wherein the weight ratio of casein: (aLac + bLac) on the fat droplets is at least 4 times higher than the weight ratio of casein: (aLac + bLac) in the total composition; the level of sphingomyelin per 100 g of composition is between 70 mg and 200 mg; the level of phospholipids per 100 g of composition is between 280 mg and 950 mg.

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