

Lactation Biology

Milk Synthesis Crossword Puzzle

Across

3. rough endoplasmic reticulum
4. part of lactose
6. 3 carbon precursor in fatty acid synthesis
7. C16 fatty acid
9. WAP is one of these
10. uridine dinucleotide phosphate
13. atomic number = 20
14. synthesis from the start
15. part of a triglyceride
16. C16 – C18
18. digests lipids
19. spontaneous flow of water across a membrane
20. subunit of lactose synthase

Down

1. rate limiting enzyme of fatty acid synthesis
2. 3 fatty acids and a glycerol
5. adding a sugar to an amino acid
8. major milk sugar
11. first step in elongation in malonyl-CoA pathway
12. site of lactose synthesis
17. a granule of casein

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