

Постоянные белки мочи здорового человека в эксперименте с 520-суточной изоляцией

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R�sum� en anglais	<p>Purpose of the study was to track permanent proteins of urine proteome in the 520-day isolation experiment at the IBMP Ground-Based Test Facility with controlled environmental parameters. Object of the investigation was urine sampled from 6 normal male subjects at the age of 25 to 37 years. Second morning aliquots were gathered during baseline data collection, on days 50, 93, 124, 153, 180, 251, 274, 303, 330, 371, 400 and 427 of isolation, and in 7 days after its completion. Samples were subject to chromatography-mass spectrometry; results were analyzed with the help of bioinformatics resources. The following 7 permanent proteins were observed in urine over the entire length of the investigation: epidermal growth factor, polymer immunoglobulin receptor, plasma serine protease inhibitor, protein AMBP, keratin, type II cytoskeletal 1, collagen alpha-1 (vi) chain, serum albumin.</p>
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Liens

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