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Research Article

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Evaluation of Using Amylopectin of White Rice (*Oryza sativa*) Endosperm Powder in Substituting Agar for the Preparation of Growth Media for Culturing Microorganisms

Published On: November 27, 2025 | Pages: 009 - 013

Author(s): Mona W Abdalla, Yassir Mohammed Abdelrahim and Mutaman AA Kehail*

Agar is usually mixed with other nutrients to make media, in which microorganisms can be cultured and tested. This study aimed to formulate white rice powder to substitute agar for the preparation of growth media to culture some bacterial and fungal strains. Following the standard methods, nutrient agar, potato dextrose agar, and blood agar media were carefully prepar ...

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Detection of the Mixed Disulfide Coenzyme A-S-S Glutathione: A Hypertensive Factor in Human Plasma of Young and Adult Individuals With or Without Hypertension

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Author(s): Raul N Ondarza V, Eva Hernandez M and Mauricio A Ondarza B*

Background: We have previously demonstrated the presence of a nucleotide peptide from rat liver which was identified as a mixed disulfide formed by Coenzyme A-SS-Glutathione linked by a disulfide bridge. Also informed about the presence in rat liver and other tissues of the NADPH-dependent Coenzyme A-SS-G reductase. Now we communicate about the presence of Coenzyme A- ...

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Review Article

Adult Growth Hormone Deficiency and Replacement Therapy: Current Approaches

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Author(s): smail Engin*

Background: Adult Growth Hormone (GH) deficiency is a significant clinical condition affecting 2-3 per 10,000 individuals, characterized by metabolic, cardiovascular, and quality of life impairments. **Objective:** To provide a comprehensive review of adult GH deficiency epidemiology, diagnosis, and replacement therapy approaches. **Methods:** Review of current literature o ...

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