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In this issue

Research Article

Open Access Research Article PTZAID:OJABC-1-102

Quantitative Dot Blot Assays to determine Vibrio cholerae O1 Lipopolysaccharide concentration using Monoclonal Antibody

Published On: September 22, 2017 | Pages: 007 - 013

Author(s): Aznar EG*, Alfaro OO, Cuello DC, Blanco OC, Sánchez AF, et al.

Introduction: Rapid diagnosis is fundamental for epidemiological control of Cholera disease. Contradictorily the gold standard test (stool culture) takes several days. Finlay Vaccine Institute obtained an Immunoagglutination test for rapid diagnosis of Cholera (FCIT), based on a monoclonal antibody anti- LPS O1 coupled to latex particles. FCIT, includes a positive ...

Abstract View Full Article View DOI: 10.17352/ojabc.000002

Open Access Research Article PTZAID:OJABC-1-101

Determination of Magnesium in Blood Serum by Using Carbon Paste Ion Selective Electrode Based on Multi-Walled Carbon Nanotubes and Nano Silicon

Published On: August 25, 2016 | Pages: 001 - 006

Author(s): Hadi Gohari*

The number of trace metallic elements of biological importance is increasing and a wide range of elements need to be analyzed in blood, urine and tissues. There is often a natural limitation of sample volume particularly in the analysis of blood and tissue digest samples. ...

Abstract View Full Article View DOI: 10.17352/ojabc.000001

Clinical Image

Open Access Clinical Image PTZAID:OJABC-1-103

A Comparative Computational and Experimental Study on Different Vibrational

Biospectroscopy Methods, Techniques and Applications for Human Cancer Cells in Tumor Tissues Simulation, Modeling, Research, Diagnosis and Treatment

Published On: October 07, 2017 | Pages: 014 - 020

Author(s): Alireza Heidari*

In the current image article, we present different computational and experimental vibrational biospectroscopy methods and techniques such as Fourier Transform–Near– Infrared (FT–NIR), Fourier Transform–Short–Wavelength Infrared (FT–SIR), Fourier Transform–Mid–Wavelength Infrared (FT–MIR), Fourier Transform–Long–Wavelength Infrared (FT–LIR), Fourier Transform–Far–Infra ...

Abstract View | Full Article View | DOI: 10.17352/ojabc.000003

Editorial

Open Access Editorial PTZAID:OJABC-1-104

Overview of the Role of Vitamins in Reducing Negative Effect of Decapeptyl (Triptorelin Acetate or Pamoate Salts) on Prostate Cancer Cells and Tissues in Prostate Cancer Treatment Process through Transformation of Malignant Prostate Tumors into...

Published On: November 11, 2017 | Pages: 021 - 026

Author(s): Alireza Heidari*

Vitamins A (Retinol, retinal, and four carotenoids including beta carotene), B1 (Thiamine), B2 (Ribofl avin), B3 (Niacin, niacinamide, Nicotinamide riboside), B5 (Pantothenic acid), B6 (Pyridoxine, pyridoxamine, pyridoxal), B7 (Biotin), B9 (Folates), B12 (Cyanocobalamin, dhyroxocobalamin, ...

Abstract View | Full Article View | DOI: 10.17352/ojabc.000004