

Research Data Archive, Center for Disease Control, The Executive Yuan, R.O.C.  
Readme file

Project Title: Establishment the environmental analysis methods and risk factors of enteric-viruses

Project Number:DOH96-DC-2016

Executing Institute:Center for Research and Diagnostics

Principal Investigator(P.I.):Wu, Fang-Tzy

P.I. Position Title: Associate Researcher

P.I. Institute: Center for Disease Control

Abstract:

The causes of gastroenteritis include bacteria, parasites, viruses et al. In the industrial countries, viruses became to be the major causes of these diseases. The diseases burden were very heavy in development and developing countries. The direct and indirect medical costs of diarrhea diseases were 500 million and 1,000 million in USA every year.

In this study, we set up surveillance system to establish the seasonal and pathogenic epidemiological data. Also, to analyze the risk factor of each cases. From March 1<sup>st</sup> 2006 to September 30<sup>th</sup> 2007, we collected 824 specimens whose symptoms were fit to our definitions. Totally, the major pathogens which cause diarrhea were viruses, follow bacteria infections.

Keyword: diarrhea syndrome, pathogen culture, RT-PCR, Real-time surveillance system