DESCRIPTION

The Journal of Virological Methods focuses on original, high quality research papers that describe novel and comprehensively tested methods which enhance human, animal, plant, bacterial or environmental virology and prions research and discovery.

The methods may include, but not limited to, the study of:

Viral components and morphology Virus isolation, propagation and development of viral vectors Viral pathogenesis, oncogenesis, vaccines and antivirals Virus replication, host-pathogen interactions and responses Virus transmission, prevention, control and treatment Viral metagenomics and virome Virus ecology, adaption and evolution Applied virology such as nanotechnology Viral diagnosis with novelty and comprehensive evaluation

We seek articles, systematic reviews, meta-analyses and laboratory protocols that include comprehensive technical details with statistical confirmations that provide validations against current best practice, international standards or quality assurance programs and which advance knowledge in virology leading to improved medical, veterinary or agricultural practices and management.

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INTRODUCTION

The Journal of Virological Methods publishes high quality original research papers, systematic reviews and meta-analyses that advance our knowledge for analysis of human, animal, plant and other viruses that significantly improve medical, veterinary and agricultural practice. This includes development, optimisation and validation of novel techniques and tools for studying viral antigens, markers, morphology, genomics, functions, replication cycle, evolution, transmission, pathogenesis, diagnosis, treatment, prevention and control of viral infections.

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Title page:
The title page should contain the following items: (i) complete title (preferably no chemical formulas or arbitrary abbreviations); (ii) full names of all authors; (iii) complete affiliations of all authors; (iv) the number of text pages of the whole manuscript (including figures and tables) and the number of figures and tables; (v) the name and complete address of the corresponding author (including telephone number, facsimile number and electronic mail address); (vi) acknowledgements.

Abstract:
This should provide a concise description of the purpose of the Protocol and should not exceed 200 words.

Keywords:
Please provide 3 - 6 keywords.

Type of research:
In this section, relevant published studies should be described concisely in list form preceded by Roman lower case numeral characters. The published studies should be appropriately cited.

Time required.
An estimation of the time required to run the protocol should be given per separate step and for the whole protocol.

Materials
The materials used should be described in sufficient detail for the protocol to be replicated. Animals used should include information on breed, breeder, sex, age, weight and the maintenance conditions. Furthermore, this section should be divided into two subsections: (i) Special equipment and (ii) Chemicals and reagents. Any special equipment required should be mentioned, including details of model type/number and (international) supplier. The source or supplier of any special equipment should also be stated, in parentheses, after mentioning the equipment for the first time. A listing (preceded by dashes) of chemicals and reagents used in the protocol, should be provided, if applicable.
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In this section the expected results should be described clearly and concisely, and in logical order without extended discussion of their significance. Results should usually be presented descriptively and be supplemented by photographs or diagrams.

**Discussion.**
This section should present an assessment of the protocol, problems which may be encountered, and alternative or support protocols. This section should be divided into two parts: (i) Troubleshooting and (ii) Alternative and Support Protocols. Troubleshooting: Problems that may have been encountered during any of the procedures should be discussed clearly and concisely, and suitable solutions suggested. Alternative methods for replacing certain steps in the protocol should be mentioned in sufficient detail, and clearly indicating at which point in the protocol they should be applied. Alternative and Support Protocols: If applicable, alternative or support protocols should be mentioned, clearly stating the advantages and disadvantages of such protocols and be accompanied by appropriate citation of the literature.

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