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 Virus 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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All virologists

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INTRODUCTION

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Reference to a chapter in an edited book:

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Virology Protocols
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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.
Special chemicals and drugs with their sources or suppliers should be grouped under a separate subheading ("Chemicals" or "Drugs"). For drugs, generic names should be used; trade names may be given in brackets where the drug is first mentioned. In case of new drugs or chemicals, a full chemical description (formula) should be given. The form of the drug used should be indicated.

**Detailed procedure.**
This section should include an extensive, detailed and stepwise description of the procedures used. The individual steps should be described in list form preceded by Roman lower case numeral characters and correspond with the steps described under Quick procedure. All companies from which chemicals or materials were obtained should be listed with their full address.

**Results.**
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) Trouble-shooting 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.

**Essential literature references.**
This should mention certain essential reading divided into original papers, book chapters and review papers. Do not cite the full reference, but just list the reference number. All references cited in the text should be listed at the end of the manuscript, arranged in alphabetical order of the author's surname.

**Quick procedure.**
This section should describe the protocol in a concise, stepwise manner. The individual steps should be described in list form preceded by roman lower case numeral characters and correspond with the steps described under Detailed procedure. This section should contain basic, essential information for the protocol to be replicated successfully.

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