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Establishing a Safe, Rapid, Convenient and Low-cost Antiviral Assay of Interferon Bioactivity Based on Recombinant VSV Expressing GFP

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Highlights

- We established a Safe, Rapid, Convenient and Low-cost antiviral assay of IFN based on recombinant VSV/GFP.
- The half reduction of virus replication was quantified by assaying GFP expressed by VSV/GFP after only one step of lysis which save much time.
- The VSV/GFP were lysed and lost activity during the assay, so that this method is very safe.
- This method had good reproducibility
- This method established here has similar results with those obtained by the staining method.

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