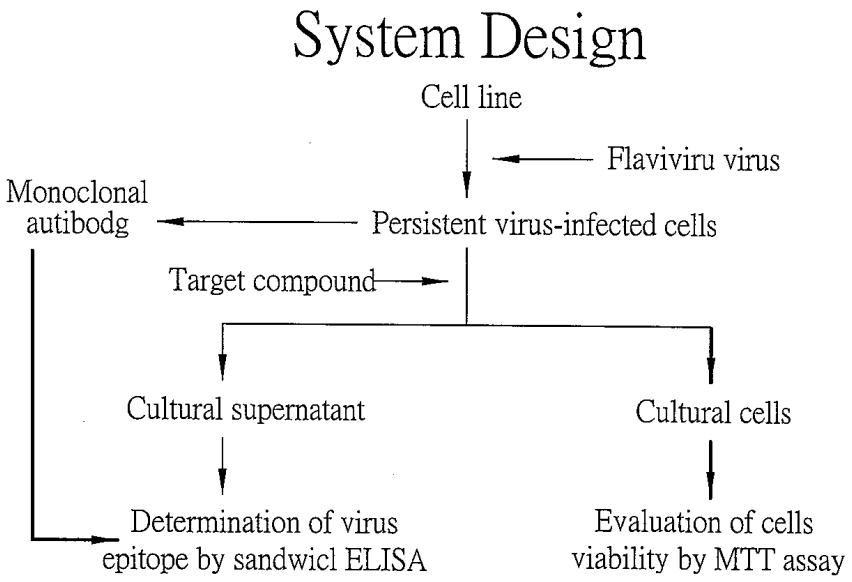

System Design
Cell line
Flaviviru virus
Monoclonal autibodg
Persistent virus-infected cells
Target compound
Cultural supernatant
Cultural cells
Determination of virus epitope by sandwicl ELISA
Evaluation of cells viability by MTT assay

FIG. 1

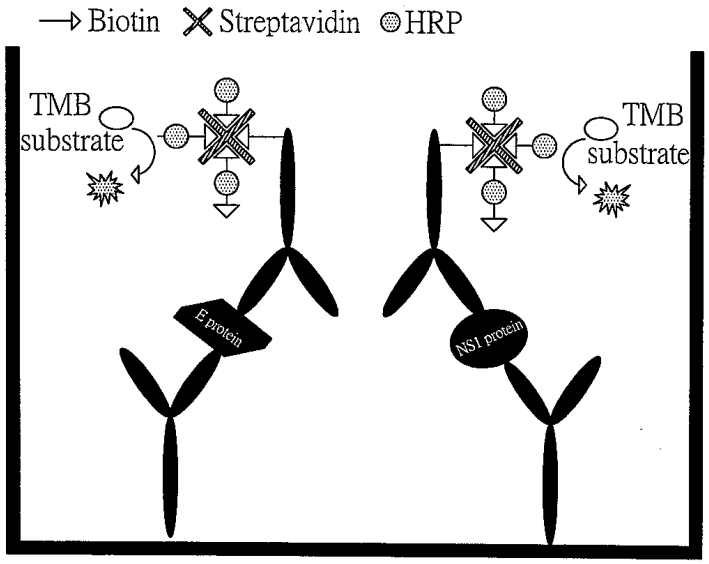

Biotin
Streptavidin
HRP
TMB substrate
TMB substrate
E protein
NS1 protein

FIG. 2

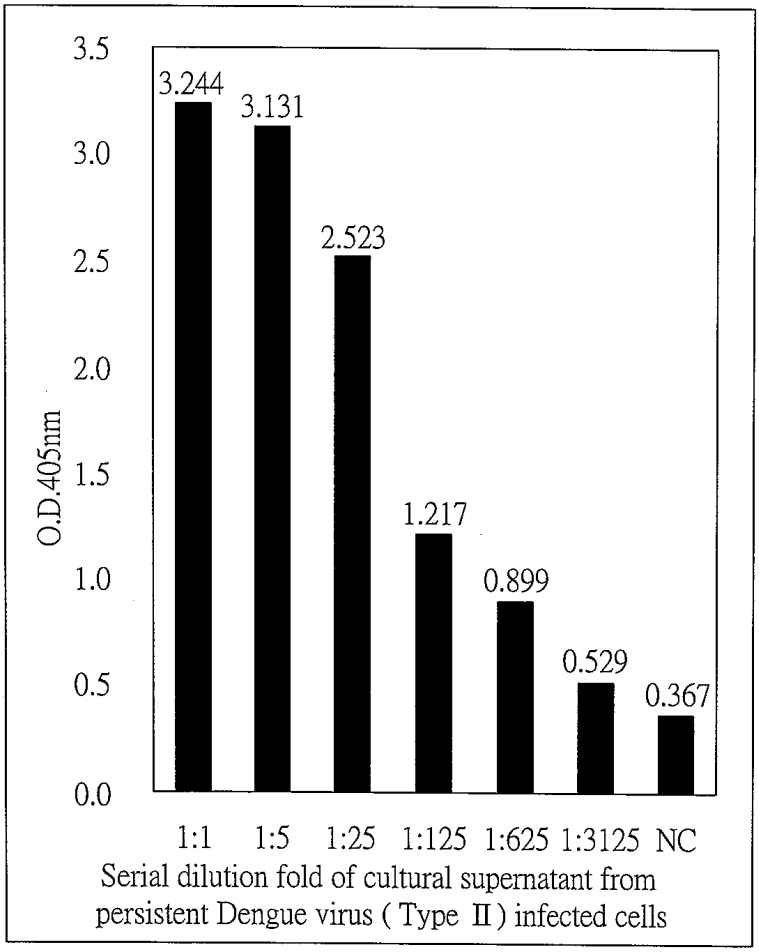

3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
O.D.405nm
3.244
3.131
2.523
1.217
0.899
0.529
0.367
1:1
1:5
1:25
1:125
1:625
1:3125
NC
Serial dilution fold of cultural supernatant from persistent Dengue virus (Type II) infected cells

FIG. 3