

## Title (en)

HSV-2 UL26 GENE, CAPSID PROTEINS, IMMUNOASSAYS AND PROTEASE INHIBITORS

## Title (de)

HSV-2 UL26 GEN, HÜLLPROTEINE, IMMUNOASSAYS UND PROTEASEINHIBITOREN

## Title (fr)

GENE HSV-2 UL26, PROTEINES CAPSIDES, DOSAGES IMMUNOLOGIQUES ET INHIBITEURS DE PROTEASE

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## Application

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## Abstract (en)

[origin: WO9506055A1] Essentially pure HSV-2 UL26 gene products and fragments thereof including mature HSV-2 protease and active fragments thereof are disclosed. Essentially pure HSV-2 UL26.5 gene products and fragments thereof including mature HSV-2 capsid protein and functional fragments are disclosed. Isolated nucleic acid molecules comprising all or part of the HSV-2 UL26 gene and/or the HSV-2 UL26.5 gene are disclosed. Expression vectors and host cells comprising such nucleic acid molecules are disclosed. Methods of identifying compounds that inhibit HSV-2 protease activity and methods of identifying compounds that inhibit HSV-2 virion assembly are disclosed. Synthetic HSV-2 substrates are disclosed. Antibodies that selectively bind to HSV-2 protease processed substrates but not unprocessed substrates or unprocessed substrates but not processed substrates are disclosed. Methods of and kits for distinguishing between HSV-1 DNA or protein and HSV-2 DNA or protein and reagents useful in such methods and kits are disclosed.

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## Citation (search report)

- [E] WO 9429456 A2 19941222 - ABBOTT LAB [US]
- [X] EP 0514830 A2 19921125 - ARCH DEV CORP [US]
- [X] WO 9301291 A1 19930121 - UNIV JOHNS HOPKINS [US]
- [X] EP 0526652 A1 19930210 - IATRON LAB [JP]
- [X] US 4430437 A 19840207 - HAMPAR BERGE [US], et al
- See references of WO 9506055A1

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