



## DATA SHEET

**For research use only. Not for use in humans.**

<b>Reagent:</b>	Polyclonal Anti-Human Immunodeficiency Virus Type 1 Tat Protein (antiserum, Rabbit)
<b>Catalog Number:</b>	ARP-705
<b>Lot Number:</b>	190026
<b>Release Category:</b>	C
<b>Provided:</b>	Each vial of ARP-705 contains approximately 200 $\mu$ L of undiluted antiserum. It does not contain preservatives and is not sterile filtered.
<b>Description:</b>	ARP-705 consists of polyclonal antiserum raised against a synthetic peptide corresponding to the first 61 amino acids of the human immunodeficiency virus type 1 (HIV-1) tat (MEPVDPRLEP WKHPGSQPKT ACTNCYCKKC CFHCQVCFIT KALGISYGRK KRRQRRRAHQ N). Suggested applications are immunoprecipitation and immunofluorescence assays (IFA).
<b>Host:</b>	Rabbit
<b>Titer:</b>	The user should determine the optimal concentration for any application.
<b>Recommended Storage:</b>	Keep at 4°C only for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.
<b>Contributor:</b>	Dr. Bryan Cullen
<b>References:</b>	Hauber, J., et al. "Trans-Activation of Human Immunodeficiency Virus Gene Expression is Mediated by Nuclear Events." <u>Proc. Natl. Acad. Sci. USA</u> 84 (1987): 6364-6368. PubMed: <a href="https://pubmed.ncbi.nlm.nih.gov/3476953/">3476953</a> .
<b>Citation:</b>	Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: Polyclonal Anti-Human Immunodeficiency Virus Type 1 Tat Protein (antiserum, Rabbit), ARP-705, contributed by Dr. Bryan Cullen."
<b>Biosafety Level: 1</b>	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. <u>Biosafety in Microbiological and Biomedical Laboratories</u> , 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see <a href="https://www.cdc.gov/biosafety/publications/bmb15/index.htm">www.cdc.gov/biosafety/publications/bmb15/index.htm</a> .
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**Note:**

Scientists at for-profit institutions or who intend commercial use of this reagent must contact Dr. Bryan R. Cullen, Professor of Molecular Genetics and Microbiology, Duke University, Email: [bryan.cullen@duke.edu](mailto:bryan.cullen@duke.edu), Tel: (919) 684-3369, Fax: (919) 681-8979, before the reagent can be released. Please specify the name and a description of the intended use of the reagent.

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