



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** 504-D mAb Heavy Chain Expression Vector

**Catalog Number:** 13621

**Lot Number:** 200359

**Release Category:** C

**Provided:** 5 µg of dried purified DNA stabilized in DNASTable *Plus*

**Cloning Site:** Unknown

**Cloning Vector:** pBR322 based vector  
Ampicillin resistant

**Description:** A 504-D mAb heavy chain expression vector which can be used with the corresponding 504-D mAb light chain expression vector (cat# 13622) to produce the monoclonal antibody, 504-D.

**Special Characteristics:** This construct is approximately 6000 bp including the insert.  
This is a heavy chain expression vector for the broadly neutralizing antibody, 504-D.  
This plasmid can be used in conjunction with the complementary 504-D mAb light chain expression vector (cat# 13622) to produce the monoclonal antibody, 504-D.  
[Contributor provided sequence information](#)  
Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.  
This reagent is currently being provided as dried purified DNA stabilized in DNASTable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

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ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

**Recommended Storage:** Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

**Contributor:** Dr. Susan Zolla-Pazner

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: 504-D mAb Heavy Chain Expression Vector from Dr. Susan Zolla-Pazner (cat# 13621)."

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact the NYU Office of Industrial Liaison at the following email address: [sadhana.chitale@nyumc.org](mailto:sadhana.chitale@nyumc.org) or [abram.goldfinger@nyumc.org](mailto:abram.goldfinger@nyumc.org), before the reagent can be released.**

**Last Updated:** September 09, 2020

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