

HIV Antigen/Antibody Panel

Human Immunodeficiency Virus Multi-Member-Panel

REF Catalogue No: MMP-HIV-001, old Catalogue No. RP-010

The BIOMEX GmbH HIV Antigen/Antibody Panel is a 20 member set of samples from donors with various levels of HIV antigen and antibodies. Each vial contains 0,5mL of human plasma. This panel is intended to depict a variety of clinical states for individuals in the early stages of HIV infection. The donors were drawn over a period from late 1987 through mid 1995.

1. Intended Use

The HIV Antigen/Antibody Panel can be used for various research and investigation applications including:

- Product development
- Lot release testing
- Proficiency testing
- Assay comparison studies
- Quality control monitoring
- Assay validation
- Technical training

2. Storage and Stability

Store the HIV Antigen/Antibody Panel at -20°C or colder upon receipt. Allow to thaw completely and mix gently before use. Return to frozen storage immediately after use.

3. Warnings and Precautions

Potentially infectious materials. Handle the product as if capable of transmitting infectious diseases. Do not pipette by mouth. Prevention:

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product

P273: Avoid the release to the environment

Disposal:

P501: Dispose of waste in accordance to applicable local or national regulations. Waste must be disposed in a secured manner.

4. Reagents

All panel members have been tested and found negative/non-reactive for HBsAg and Syphilis with FDA approved tests.

5. Detection Methods

Each member of the HIV Antigen/Antibody Panel has been assayed by Abbott Laboratories HIV AG-1 Monoclonal, HIVAB HIV-1/HIV-2 (rDNA)EIA, and anti-HCV 2.0 kits, the Organon Teknika Vironostica HIV-1 Antigen Microelisa kit, and the Ortho Diagnostics HIV-1 p24 Antigen ELISA kit. Further, the samples were also analyzed by Western Blot through an outside reference laboratory.

6. Limitations and Restrictions

This panel is for Research Use Only and not intended for human or animal diagnostics, or for therapeutic purposes. Each laboratory has the responsibility to ascertain the suitability of the panel for its particular application and to establish their own guidelines for interpretation of results. Data is provided for informational purposes only. The Biomex GmbH does not claim that others can duplicate these test results exactly.

Declaration of used symbols

Catalog Number	Lot Number	Consult Instructions for Use	Manufactured by	Temperature Limitation

HIV Antigen/Antibody Panel, Human Immunodeficiency Virus Multi-Member-Panel
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Panel Member	Bleed Date	Western Blot					Organ Teknika Vironostica HIV-1 Ag	Ortho HIV-1 p24 Ag	Abbott HIV-1 Ag	Abbott HIV 1/2 Ab	Abbott anti-HCV	Abbott Auszyme (HBsAg)
		P24	GP41	P55	GP120	GP 160						
1	07.12.1987	+	+	+	+	+	5,27	0,93	2,85	>18,03	neg	neg
2	10.12.1987	+	+	+	+	+	4,53	1,07	3,47	>18,03	neg	neg
3	14.12.1987	+	+	+	+	+	4,77	0,96	3,20	>18,03	neg	neg
4	24.12.1987	+	+	+	+	+	3,06	0,86	1,81	>18,03	neg	neg
5	28.12.1987	+	+	+	+	+	2,87	1,01	2,01	>18,03	neg	neg
6	31.12.1987	+	+	+	+	+	3,39	0,94	2,26	>18,03	neg	neg
7	04.01.1988	+	+	+	+	+	2,54	1,00	1,96	>18,03	neg	neg
8	07.01.1988	+	+	+	+	+	3,34	1,11	3,60	>18,03	reactive	neg
9	14.01.1988	+	+	+	+	+	3,60	1,04	2,24	>18,03	neg	neg
10	18.01.1988	+	+	+	+	+	2,08	0,79	1,64	>18,03	reactive	neg
11	21.01.1988	+	+	+	+	+	2,61	0,93	1,90	>18,03	reactive	neg
12	25.01.1988	+	+	+	+	+	2,48	0,75	1,67	>18,03	neg	neg
13	27.09.1990	+/-	-	-	-	-	0,92	1,66	0,89	5,20	neg	neg
14	17.02.1992	+	+	+	+	+	2,43	1,76	2,19	>18,03	reactive	neg
15	08.05.1993	-	-	-	-	-	7,39	16,35	5,47	3,14	neg	neg
16	13.05.1993	+/-	-	-	-	-	3,40	6,98	1,89	13,23	neg	neg
17	24.04.1994	+	+	+	+	+	1,28	1,04	0,86	>18,03	reactive	neg
18	07.04.1995	+/-	-	-	-	-	12,04	18,64	16,29	17,00	neg	neg
19	09.04.1995	+/-	-	-	-	-	7,81	11,59	8,67	13,54	neg	neg
20	11.04.1995	+/-	-	-	-	-	14,00	>22,20	24,79	11,82	neg	neg

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