

# HCV Seroconversion Panel

**REF** Catalogue No: SCP-HCV-001

Old Catalogue No: RP-006

The Biomex GmbH HCV Seroconversion Panel consists of 20 members with each member containing 0.5 mL of human plasma. This panel illustrates the onset and decline of immune system response to HCV from one individual over a period of 540 days.

## 1. Intended Use

This Seroconversion Panel (SCP) is intended for standard testing by diagnostic manufacturers and researchers during assay development, evaluation, troubleshooting and post-marked surveillance of HCV test systems and methods. Moreover, it serves as validation tool for diagnostic sensitivity, determination of analytical sensitivity, identification of cut-off values or to study the humoral immune response to this infection.

## 2. Storage and Stability

Store the SCP at -20°C to -80°C. Thaw samples at room temperature and mix gently by inversion before usage. Avoid foaming, contamination and repeated freeze and thaw cycles. After usage, return immediately to storage conditions.

## 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.

Declaration of used symbols

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

## 4. Donor Information

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

### Donor profile

- Sex: Female
- Age: 37
- Ethnicity: Caucasian

### Medical background

- History of alcohol abuse
- History of mental instability
- High titer IgE (various foods)
- Positive for SLE (Lupus)
- No known IV drug use
- Allergic to penicillin and sulfa drugs
- Chronic skin lesions
- Routine blood donor

### Medications

- Prednisone
- Xanax
- Lidex
- Imipramine
- Theophylline
- Metoprolol
- Prozac

## 5. Detection Methods

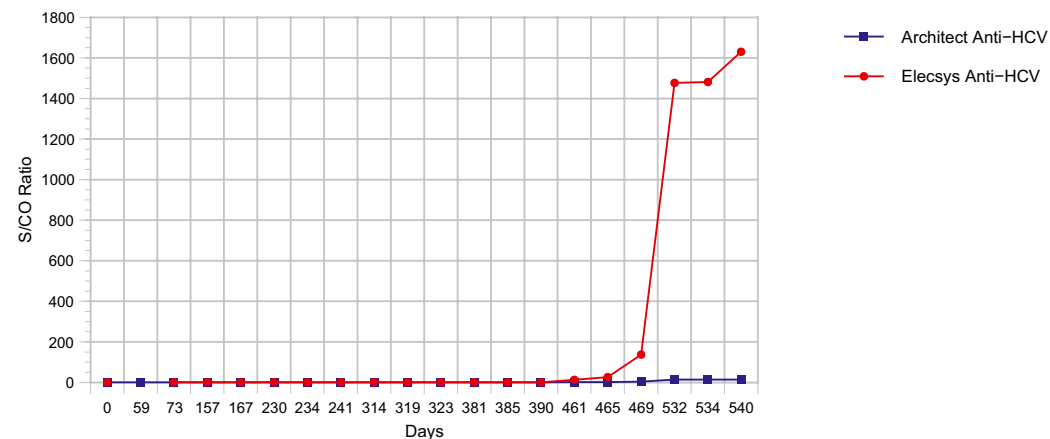
Each panel member is assayed for HCV Ag with Abbott ARCHITECT® and anti-HCV antibodies with Abbott ARCHITECT® and Roche ELECSYS®. Testing is performed with CE marked test.

## 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 SCP 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.

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| Panel Member | Day | Bleed date | Abbott Architect Anti-HCV S/CO | Abbott Architect HCV Ag fmol/L | Roche Elecsys Anti-HCV |
|--------------|-----|------------|--------------------------------|--------------------------------|------------------------|
|              |     |            | cut off 1.0 S/CO               | cut off 3.0 fmol/L             | cut off 1.0 S/CO       |
| 1            | 0   | 03.07.1990 | 0.09                           | 0.00                           | 0.187                  |
| 2            | 59  | 31.08.1990 | 0.07                           | 0.00                           | invalid                |
| 3            | 73  | 14.09.1990 | 0.13                           | 0.00                           | 0.232                  |
| 4            | 157 | 07.12.1990 | 0.14                           | 0.48                           | 0.248                  |
| 5            | 167 | 17.12.1990 | 0.07                           | 0.05                           | 0.211                  |
| 6            | 230 | 18.02.1990 | 0.13                           | 0.00                           | 0.234                  |
| 7            | 234 | 22.02.1991 | 0.09                           | 0.00                           | 0.200                  |
| 8            | 241 | 01.03.1991 | 0.06                           | 0.62                           | 0.184                  |
| 9            | 314 | 13.05.1991 | 0.18                           | 0.30                           | 0.120                  |
| 10           | 319 | 16.05.1991 | 0.10                           | 0.00                           | 0.235                  |
| 11           | 323 | 22.05.1991 | 0.09                           | 0.00                           | 0.196                  |
| 12           | 381 | 19.07.1991 | 0.29                           | 0.28                           | 0.153                  |
| 13           | 385 | 23.07.1991 | 0.09                           | 0.02                           | 0.200                  |
| 14           | 390 | 26.07.1991 | 0.10                           | 0.00                           | 0.207                  |
| 15           | 461 | 07.10.1991 | 1.22                           | 16922.78                       | 13.00                  |
| 16           | 465 | 11.10.1991 | 1.59                           | 15009.43                       | 26.80                  |
| 17           | 469 | 15.10.1991 | 3.94                           | 7418.54                        | 137.80                 |
| 18           | 532 | 17.12.1991 | 14.03                          | 7537.86                        | 1477.00                |
| 19           | 534 | 19.12.1991 | 14.32                          | 6737.30                        | 1481.00                |
| 20           | 540 | 24.12.1991 | 14.08                          | 1817.25                        | 1630.00                |



### Assay information:

Abbott Architect Anti-HCV assay; Lot: 54814LI00; Exp. Date: 16.04.2016 ; Test Date: 13.11.2015

Abbott Architect HCV Ag assay; Lot: 79061LP05; Test Date: 18.08.2009

Roche Elecsys Anti-HCV assay; Lot: 153918-01; Test Date: 19.08.2009