

# Rubeola Seroconversion Panel

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

Old Catalogue No: RP-005

The Biomex GmbH Rubeola Seroconversion Panel consists of 15 members with each member containing 0.5 mL of human plasma. This panel illustrates the onset and decline of IgM and IgG Rubeola antibodies from one individual over a period of 55 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 IgM/IgG antibody 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. The plasma has been defibrinated and filtered. Sodium azide (0.01%) was added as preservative. All panel members are ready to use.

## 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.

**WARNING: contains sodium azide.**

H302: Harmful if swallowed.

H413: May cause long lasting harmful effects to aquatic life.

## 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

Declaration of used symbols

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

## Reaction:

P330: Rinse mouth.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

## Disposal:

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

## 4. Donor Information

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

### Donor profile

- Sex: Male
- Age: 23
- Ethnicity: Hispanic/Caucasian
- Residence: U.S. West Coast

### Medical background

- Received Measles vaccination 5/31/94
- No history of drug or alcohol abuse
- No history of blood transfusion
- Tonsillectomy at childhood age
- No history of STD's
- Received Tetanus vaccination 11/7/94
- No history of Hepatitis or liver disease

## 5. Detection Methods

Each panel member is assayed for IgM and IgG antibodies with the BioWhittaker Measelis II (IgG) assay, Sigma SIA Measels IgM assay and Gull Laboratories Rubeola IgG/IgM assay.

## 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	Bleed Date	Bio Whittaker Measelisa II (IgG) S/CO	Sigma SIA Measles IgM OD	Sigma SIA Measles IgM S/CO	Gull Laboratories Rubeola IgG Abs	Gull Laboratories Rubeola IgG S/CO	Gull Laboratories Rubeola IgM Abs	Gull Laboratories Rubeola IgM S/CO
1	31.05.1994	*	*	*	0.148	0.253	0.106	0.429
2	06.06.1994	0.50	0.018	0.02	0.139	0.238	0.111	0.449
3	08.06.1994	0.56	0.012	-0.04	0.119	0.203	0.096	0.389
4	13.06.1994	0.44	0.047	0.28	0.118	0.202	0.272	1.101
5	15.06.1994	0.56	0.068	0.46	0.167	0.285	0.752	3.045
6	20.06.1994	1.31	0.119	0.92	0.731	1.250	1.811	7.332
7	22.06.1994	1.94	0.138	1.09	0.746	1.275	1.462	5.919
8	27.06.1994	1.69	0.072	0.50	0.886	1.515	0.935	3.785
9	29.06.1994	1.94	0.053	0.33	1.022	1.747	0.814	3.296
10	06.07.1994	2.00	0.084	0.61	0.940	1.607	0.605	2.449
11	08.07.1994	2.00	0.043	0.24	1.008	1.723	0.522	2.113
12	14.07.1994	2.31	0.035	0.17	1.119	1.913	0.504	2.040
13	16.07.1994	2.00	0.033	0.15	0.973	1.663	0.445	1.802
14	21.07.1994	2.13	0.021	0.04	0.958	1.638	0.364	1.474
15	25.07.1994	2.00	0.046	0.27	1.029	1.759	0.363	1.470

\*not tested

