

## Parainfluenza Type-3

**Description:** MA 104 cells inoculated with Parainfluenza-3 virus, strain III v2932. The Parainfluenza-2 Virus was grown on monolayer of MA cells. When the cultures showed pronounced c.p.e. virus containing medium was purified from cell fragments by low speed centrifugation (5000 rpm, 40 min). Virus was pelleted by high speed centrifugation at 18000 rpm for 2.5 hours in the SW27 rotor for 20 min at + 4 oC, then the supernatant was collected and protein concentration was determined by Lowry method.

Catalog #: IHPS-037

For research use only.

**Physical Appearance:** Sterile Filtered colorless solution  
**Formulation:** The Parainfluenza type-3 solution contains 0.1M NaCl, 10mM Tris Hcl, 1mM EDTA pH-8, and 0.1 % sodium azide (NaN<sub>3</sub>).

**Purity:** Greater than 90.0% as determined by Analysis by SDS-PAGE.

### Formulation:

The Parainfluenza type-3 solution contains STE, 0.02 % sodium azide (NaN<sub>3</sub>).

### Stability:

Parainfluenza type-3 although stable 4°C for 4 weeks, Should be stored desiccated below -18°C. Please prevent freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

Parainfluenza virus, PIV, contains a group of four distinct serotypes of single-stranded RNA viruses belonging to the paramyxovirus family and two subtypes (4a and 4b). Parainfluenza virus is a negative-sense, single-stranded RNA virus that possess fusion and hemagglutinin-neuraminidase glycoprotein "spikes" on their surface. The virion varies in size (average diameter between 150 and 300 nm) and shape.

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