Product Information Sheet for NR-12236

Latino Virus, MARU 10924

Catalog No. NR-12236
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For research use only. Not for human use.

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Manufacturer:
BEI Resources

Product Description:

**Virus Classification:** Arenaviridae, Arenavirus

**Species:** Latino virus

**Strain:** MARU 10924

**Original Source:** Latino virus (LATV), MARU 10924 was originally isolated in 1965 from a large vespert mouse (Calomys callosus) near the town of Juan Latino in the Department of Santa Cruz in eastern Bolivia.¹ ²

**Comments:** MARU 10924 is the prototype strain of LATV. The large vespert mouse (C. callosus) is the principal host of LATV. The virus is found in this species in southeastern Bolivia and neighboring regions of Brazil. There is no evidence that LATV is an agent of human disease.³ Both the large (L) and small (S) RNA genome segments of LATV, MARU 10924 have been sequenced [GenBank: EU627612 (L), AF485259 (S), and AF512830 (S)] ⁴ ⁶

**Material Provided:**
Each vial contains approximately 1 mL of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero E6; ATCC® CRL-1586™) infected with Latino virus, MARU 10924.

**Note:** If homogeneity is required for your intended use, please purify prior to initiating work.

**Packaging/Storage:**
NR-12236 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

**Growth Conditions:**

**Host:** Vero E6 cells (ATCC® CRL-1586)

**Growth Medium:** Eagle’s Minimum Essential Medium containing 2 mM L-glutamine, 1 mM sodium pyruvate, and 1500 mg/mL sodium bicarbonate, supplemented with 2% fetal bovine serum

**Infection:** Cells should be 60-80% confluent

**Incubation:** 10 to 14 days at 37°C and 5% CO₂

**Cytopathic Effect:** None observed

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Latino Virus, MARU 10924, NR-12236.”

**Biosafety Level:** 2


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