



# Meridian

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### CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** A07100H **Lot #:** 20K32315

**Description:** Epithelial Cell Extract, Human  
Human Epithelial Cell Extract

Contains the following antigenic components from human whole cell extract as tested by western blot: SS-A (Ro) with 60 kD and 52 kD bands, SS-B (La) with 50 kD band (note that the SS-A 52 kD and the SS-B 50 kD bands overlap due to their size), Scl-70 (topoisomerase I) with 105 kD band, RNP with 68 kD and 33 kD bands, Smith with 26 kD and 25 kD bands, Jo-1 with 53 kD band, and Ribosomal P with 38 kD band.

**Source:** Human Whole Cell Culture

**Format:** Liquid

**Purification:** The extract has been manufactured from human epithelial cells grown in cell culture then digested using sodium dodecyl sulfate, phenylmethyl sulfonyl fluoride, and dithiothreitol.

**Concentration:** 11.5 mg/mL (BCA)

**Buffer:** Not Applicable

**Preservative:** None

**Applications:** Suitable for use in Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store at  $\leq -20^{\circ}\text{C}$ . Avoid multiple freeze/thaw cycles.

**Inactivation:** Not applicable

**Warnings:** No test guarantees a product to be non-infectious. All materials should be handled as if potentially infectious. Generally accepted laboratory practices appropriate for infectious materials should be employed when handling this product.

Signature

20 Nov 2015

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**