



# Meridian

## Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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### SPECIFICATION SHEET

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

**Catalog #:** B65140P **Lot #:** 10L33709

**Description:** Goat anti Adenovirus  
Goat Antibody to Adenovirus  
Horseradish Peroxidase conjugated

**Specificity:** Numerous Adenovirus proteins including hexon. Reacts with Adenovirus types 1, 2, 3, 5, 6, 7a, 8, 31, 40 and 41. Does not cross-react with Para 1-3, Influenza A & B, RSV, human MPV & Rhinovirus (type 16). Negative against HEp-2, LLCMK2 and Vero cells by indirect immunofluorescence.

**Host Animal:** Goat

**Immunogen:** Disrupted type 5 virions

**Format:** HRP, Liquid

**Purification:** Purified IgG fraction covalently coupled to a highly purified preparation of Horseradish Peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is removed. Estimated molar HRP: IgG substitution is 2-3.

**Concentration:** 1-2mg/ml (OD280nm, E<sup>0.1%</sup> = 1.4)

**Buffer:** PBS containing 10mg/ml BSA

**Preservative:** 0.002% Thimerosal

**Applications:** Suitable for use in ELISA, immunocytochemistry and 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.

Recommended pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C65431M	B65140P

**Storage:** Short term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

**Warning:** Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.**