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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 13F

OMB APPROVAL

OMB Number: 3235-0006

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FORM 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: 06-30-2025

Check here if Amendment: ☐ Amendment Number: _____

This Amendment (Check only one.): ☐ is a restatement.

☐ adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: MERCK SHARP & DOHME LLC

Address: 126 EAST LINCOLN AVENUE

P.O. BOX 2000

RAHWAY NJ 07065

Form 13F File Number: 028-25209

CRD Number (if applicable): _____

SEC File Number (if applicable): _____

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

Name: Jon Filderman

Title: Vice President

Phone: (908) 740-4000

Signature, Place, and Date of Signing:

/s/ Jon Filderman Rahway, NEW JERSEY 08-13-2025
[Signature] [City, State] [Date]

Do you wish to provide information pursuant to Special Instruction 5?

☐ Yes ☒ No

Report Type (Check only one.):

☐ 13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)

☒ 13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)

☐ 13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

List of Other Managers Reporting for this Manager

[If there are no entries in this list, omit this section.]

Name	Form 13F File No.	CRD No. (if applicable)	SEC File No. (if applicable)
Merck & Co., Inc.	028-25193		