

TESTING FOR PLASMINOGEN DEFICIENCY TYPE 1 (PLGD-1)



Diagnosing PLGD-1 relies on¹

- 1 Clinical Evaluation
- 2 Family Medical History
- 3 Plasminogen Activity Test

Antigen testing, lesion biopsy, or genetic analysis can aid diagnosis but are not required.

Diagnostic testing is straightforward

- A simple blood test for plasminogen activity can confirm a PLGD-1 diagnosis¹⁻³



CPT® CODE:
85420

Each lab defines its own normal range for plasminogen activity

Be sure to review test results carefully, variable reference ranges mean PLGD-1 patients could go undiagnosed and untreated



Lab or Test Kit	Normal Reference Range
Machaon Diagnostics	70-130% ⁴
Quest Diagnostics	65-176% ⁵
Mayo Clinic Laboratories	75-140% ⁶
ARUP Laboratories	71-144% ⁷
LabCorp	70-150% ⁸

References: 1. Mehta R, Shapiro AD. *Haemophilia*. 2008;14(6):1261-1268. 2. Plasminogen activity. Machaon Diagnostics. Accessed November 12, 2025. <https://www.machaondiagnosics.com/test/plasminogen-activity> 3. CPT® codes lookup. Codify by AAPC. Accessed November 12, 2025. <https://www.aapc.com/codes/cpt-codes-range> 4. Shapiro AD, Nakar C, Parker JM, et al. *Blood*. 2018;131(12):1301-1310. 5. Plasminogen activity. Quest Diagnostics. Accessed November 12, 2025. <https://testdirectory.questdiagnostics.com/test/test-detail/4458/plasminogen-activity?cc=MASTER> 6. Test ID: PSGN: Plasminogen activity, plasma. Mayo Clinic Laboratories. Accessed November 12, 2025. <https://www.mayocliniclabs.com/test-catalog/overview/9079#clinical-and-interpretive> 7. 0030190: Plasminogen activity. ARUP Laboratories. Accessed November 12, 2025. <https://ltd.aruplab.com/Tests/Pub/0030190> 8. Plasminogen activity sample lab report. Specimen number 337-988-9522-0. LabCorp. Accessed November 12, 2025. https://files.labcorp.com/testmenu-d8/sample_reports/117713.pdf 9. Shapiro AD, Menegatti M, Palla R, et al. *Haematologica*. 2020;105(3):554-561.

Plasminogen activity does not reliably correlate with symptom severity, so patients with levels near the lower limit of normal should still be evaluated closely.⁹

Learn about available treatments

