

## Monoklonale Gammopathien: Erkennen – Abklären – Visualisieren

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### Referenzen

1. Kyle R a, Buadi F, Rajkumar SV. Management of monoclonal gammopathy of undetermined significance (MGUS) and smoldering multiple myeloma (SMM). *Oncology (Williston Park)*. 2011;25(7):578-586. doi:167682 [pii].
2. Gwathmey TM, Willis MS, Tatreau J, et al. Clinical relevance of trace bands on serum electrophoresis in patients without a history of gammopathy. *J Int Fed Clin Chem Lab Med*. 2015;26(2):114-124.
3. Kortüm, M. Einsele, H. Goldschmidt, H. Liebisch, P. Naumann, R. Peest D. onkopedia Leitlinien: Monoklonale Gammopathie unklarer Signifikanz (MGUS). *Dtsch Gesellschaft für Hämatologie und Medizinische Onkol eV*.  
<https://www.onkopedia.com/de/onkopedia/guidelines/monoklonale-gammopathie-unklarer-signifikanz-mgus/@@view/html/index.html>.
4. Giraldo P, Rubio-Félix D, Delgado P, Giralt M. [Transient monoclonal gammopathies. Study of 34 cases]. *Sangre (Barc)*. 1994;39(5):351-355.  
<http://www.ncbi.nlm.nih.gov/pubmed/7754439>.
5. Siede D, Möller H, Siede WH, Regeniter A. Effect of ampicillin-sulbactam on clinical capillary zone electrophoresis of serum proteins. *Clin Chem Lab Med CCLM FESCC*. 2008;46(10):1468-1469.
6. Jonsson M, Carlson J, Jeppsson JO, Simonsson P. Computer-supported detection of M-components and evaluation of immunoglobulins after capillary electrophoresis. *Clin Chem*. 2001;47(1):110-117. <http://www.ncbi.nlm.nih.gov/pubmed/11148185>.
7. McCudden CR, Mathews SP, Hainsworth S a, et al. Performance comparison of capillary and agarose gel electrophoresis for the identification and characterization of monoclonal immunoglobulins. *Am J Clin Pathol*. 2008;129(3):451-458.  
doi:10.1309/6KT8N49BRNVVBT1.
8. Yang Z, Harrison K, Park Y a, et al. Performance of the Sebia CAPILLARYS 2 for detection and immunotyping of serum monoclonal paraproteins. *Am J Clin Pathol*. 2007;128(2):293-299. doi:10.1309/1L3CG8GK6F8VYNYH.