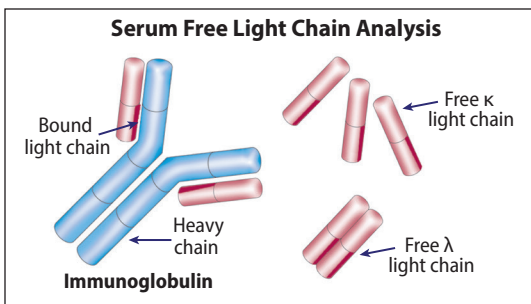


Freelite®

Freelite® is the trade name for a blood test that measures the concentration of free kappa (κ) and free lambda (λ) light chains.

- Light chains are “bound” to heavy chains to form an immunoglobulin molecule. Light chains which are not “bound” to heavy chains are “free” light chains.



- Immunoglobulins and free light chains are produced by plasma cells in the bone marrow. When a patient has myeloma, the overproduction of a single plasma cell usually results in an increased concentration of immunoglobulins and/or free light chains in the blood.
- Guidelines by the IMF's International Myeloma Working Group (IMWG) and the National Comprehensive Cancer Network (NCCN) recommend the use of serum free light chain assays (Freelite) in the diagnostic workup of myeloma and related disorders.
- The Freelite test can be used for diagnosis, to monitor therapy, and even to help identify a relapse.
- The normal ranges for Freelite are:
 - Free kappa: 3.3-19.4 mg/L
 - Free lambda: 5.71-26.3 mg/L
 - Kappa/lambda ratio: 0.26 – 1.65
- The Freelite test is available in most hospitals, clinics, and reference laboratories. It is important that your doctor specify Freelite when ordering the test to ensure that the correct test is run.

Freelite is reimbursed by Medicare and most private insurers, and can be used as part of a routine myeloma testing package.

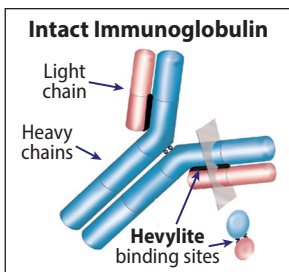


Improving Lives Finding the Cure®

Hevylite®

Hevylite® is the trade name for a unique test that measures the concentration of immunoglobulin pairs (heavy/light chain combinations) in the blood.

- Immunoglobulins are produced by plasma cells in the bone marrow, and consist of heavy chains (e.g., G, A, or M type) plus either kappa or lambda light chains bound to the heavy chains. Unlike “free” light chains, these light chains are a component of the intact immunoglobulin.



- In myeloma, the overproduction of a single plasma cell in the bone marrow usually results in an increased concentration of immunoglobulins and/or free light chains in the blood.
- Hevylite can offer better accuracy and reliability vs. traditional laboratory methods. Serum protein electrophoresis (SPEP) and immunofixation electrophoresis (IFE) can give results that are inaccurate or difficult to interpret.
- Hevylite is used for monitoring myeloma, especially when electrophoresis is inaccurate or insensitive.
- Hevylite may identify early relapse and residual disease.

Hevylite is a reimbursable test. For a list of laboratories offering the Hevylite test, contact The Binding Site, the manufacturer of Hevylite, at info@thebindingsite.com or 800-633-4484.

The IMF InfoLine is staffed by
trained information specialists.

800.452.CURE (2873)

in the US & Canada



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