

## Serum free light (SFL) chains

*Does the patient have a paraprotein? If 'YES' see 'Paraprotein' referral guideline as well*

*If abnormal Serum Free Light result*

**START HERE**

Is the  
*kappa:lambda ratio*  
normal ? (i.e. 0.26-1.65)

Yes

This is **not** suggestive of myeloma/MGUS  
(*irrespective of level of kappa or lambda*)

This is polyclonal and reactive and/or due to reduced renal clearance

**REFERRAL TO HAEMATOLOGY IS NOT INDICATED**  
(unless the patient has a **paraprotein**-see separate guideline)

No

Is the **ratio** between 0.1 and 0.26  
or between 1.65 and 5?

Yes

Most likely reactive and/or due to reduced renal clearance (*irrespective of level of kappa or lambda*)

**REFERRAL TO HAEMATOLOGY IS NOT INDICATED** unless definitive evidence of myeloma or amyloid (eg imaging showing lytic lesions etc) or patient has a **paraprotein** (see separate paraprotein guideline)

No

- Is serum free kappa >100mg/L and/or
- Is serum free lambda >100mg/L

No

**Routine referral**

Yes

Is the SFL ratio

- Between 0.01-0.09 or
- Greater than 7?

Yes

**2ww referral**