

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