

Ordering information

Description	Product number
Reagents	
FLC Kappa (1 microplate in strip format)	5102
FLC Lambda (1 microplate in strip format)	5103
Controls	
FLC control Level 1 (1 vial)	5112
FLC control Level 2 (1 vial)	5113

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Complete your Myeloma
diagnostic tools with
Sebia FLC Assay

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RCS Evry 672 041 902
Parc technologique Léonard de Vinci
27 rue Léonard de Vinci
CP 8010 Lisses - 91008 Evry cedex
FRANCE
Tel. : +33 1 69 89 80 80
E-mail : sebia@sebia.com
www.sebia.com

Benelux - Tel.: +32 2 702 64 64 (BE) - Tel.: +31 20 610 8099 (NL) - E-mail: sebia.benelux@sebia.com • **Brasil** - Tel.: +55 11 3849 0148 - E-mail: brasil@sebia.com • **Canada** - E-mail: canada@sebia.com
China - Tel.: +86 (21) 6360 1436 - Fax: +86 (21) 6361 2011 - E-mail: china@sebia.com • **Germany & Austria** - Tel.: +49 (0) 661 3308 1 - Fax: +49 (0) 661 31881 - E-mail: sebia@sebia.de
India - Tel.: +91 124 4262100 - E-mail: sebiaindia@sebia.com • **Italy** - Tel.: +39 055 24851 - Fax: +39 055 0982083 - E-mail: info@sebia.it • **Portugal** - Tel.: +351 211 224 653 - Fax: +351 211 305 079 - E-mail: portugal@sebia.com • **Spain** - Tel.: +34 93 208 15 52 - Fax: +34 93 458 55 86 - E-mail: sebia@sebia.es • **Switzerland** - Tel.: +41 44 787 88 10 - E-mail: contact.ch@sebia.com
UK - Tel.: +44 (01276) 600636 - Fax: +44 (01276) 38827 - E-mail: sales@sebia.co.uk • **UAE** - Tel.: +971 (0)4 878 6977 • **U.S.A.** - Tel.: +1 (770) 446-3707 - Fax: +1 (770) 446-8511 - E-mail: info@sebia-usa.com

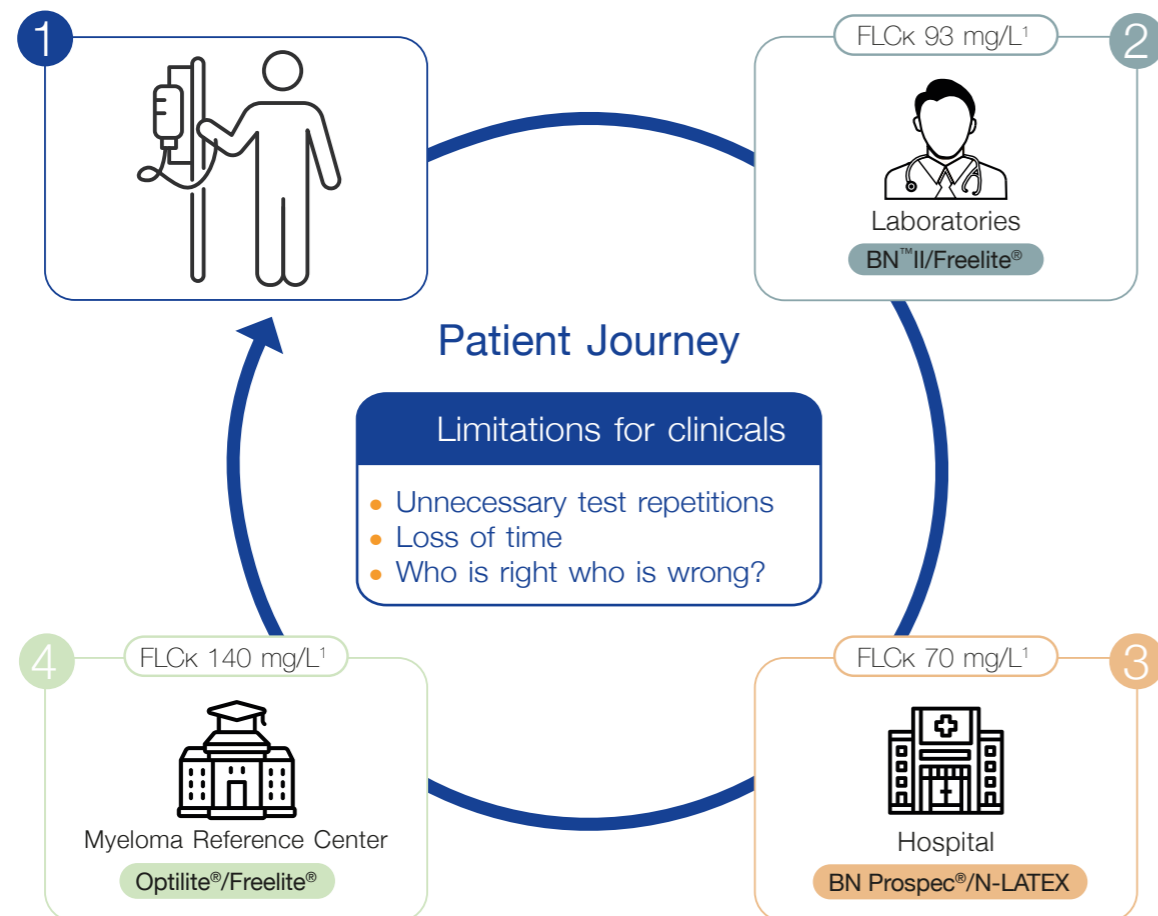
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Why FLC is an important biomarker?

- Free Light Chains is a very sensitive biomarker reflecting the status of monoclonal gammopathies
- Current FLC measurement by nephelometry and turbidimetry shows a list of limitations:
 - Overestimation based on polymerization effect
 - Antigen excess
 - No agreement with SPE
 - Non linearity

What are current challenges in Myeloma patient follow-up?

- No standardization between FLC assays
- No comparison possible for FLC values obtain by different assays



¹ UK NEQAS Report, 2017, Sample 171-1/Kappa

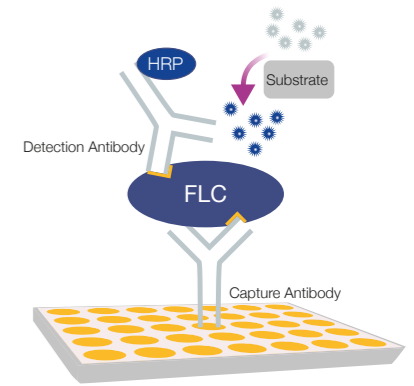
Additional values of Sebia FLC Assay

Analytical performance



No antigen excess

- Correct values without underestimation
- Improve quality of results by excluding "jumping" values
- Reliable follow-up for Myeloma patient



Results concordant with FLC peak on SPE

- Comparison possible between Sebia FLC value and visible peak on SPE
- Help on the interpretation



Lower retest rates

- 4 times less repetition compare to current assays
- Less re-runs reduce your cost and save hands-on time



Compatible with many ELISA Processors

- One Sebia test for comparable FLC values between instruments
- Automated and standardized process

Clinical performance



Reference ranges

- Kappa: 4.9-13.7 mg/L
- Lambda: 7.6-19.5 mg/L
- Kappa/Lambda ratio: 0.27-1.67



Reference ranges for CKD patients

- Kappa/Lambda ratio: 0.46-2.23²



Validated for patient monitoring



Validated for response assessment according to IMWG criteria

² Lutteri L. and Jacobs JFM, 2018