

Proteinuria assessment: *comprehensive solutions by electrophoresis*



Investigation of Urine Protein

A key biomarker for monoclonal gammopathies or other proteinuria disorder

Indications for urine proteins analysis

- Proteinuria screening
- Quantification of a monoclonal peak (Bence Jones protein or full immunoglobulin)
- Proteinuria typing:

Overload proteinuria

Glomerular proteinuria

Tubular proteinuria

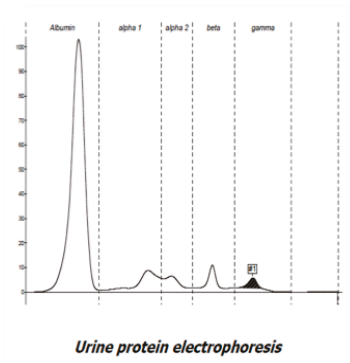
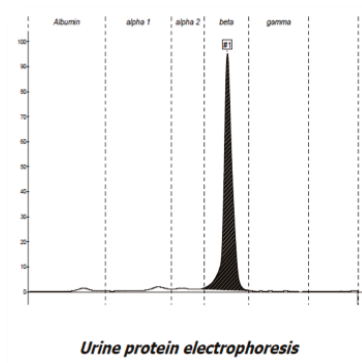
Mixed proteinuria

Post-renal proteinuria

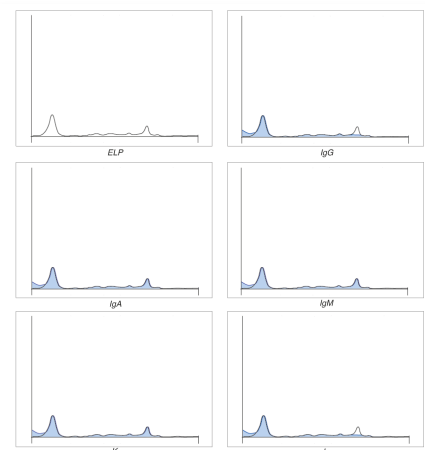
Advances in therapies for Multiple Myeloma and other monoclonal gammopathies have significantly improved patient survival and quality of life. Monitoring treatment response relies on detecting monoclonal components through serum and urine electrophoresis. Urine immunofixation, which identifies monoclonal free light chains, serves as a key biomarker for tracking disease progression.

Urine protein by Capillary Electrophoresis

Automated testing for screening & characterisation



Screening and quantification



Monoclonal component characterisation

International Myeloma Working Group 2013 recommendations
Available online on <http://www.nature.com/leu/journal/vaop/ncurrent/abs/leu2013293a.html>

International Myeloma Workshop 2011 recommendations
Available on <https://bloodjournal.hematologylibrary.org/content/117/18/4701.full/pdf+html> or upon request from your Sebia representative.

Urine Immunotyping

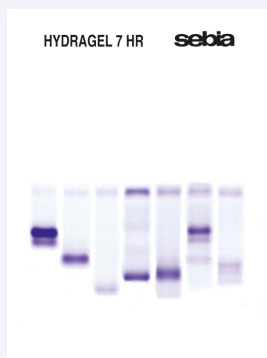


Urine protein by Gel Electrophoresis

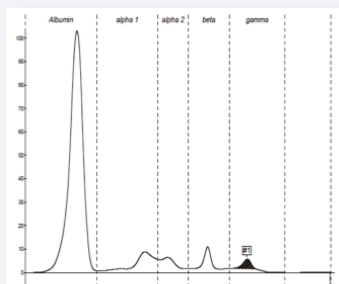
The most complete portfolio for in-depth proteinuria & kidney disorder assessment

Screening and characterisation

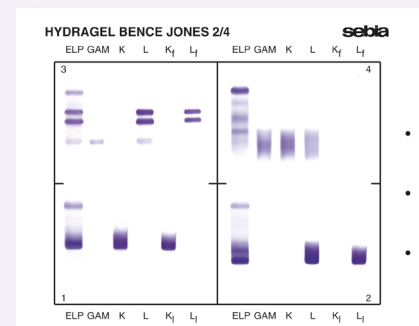
- Option 1: sequential testing



Proteinuria screening (UPE)



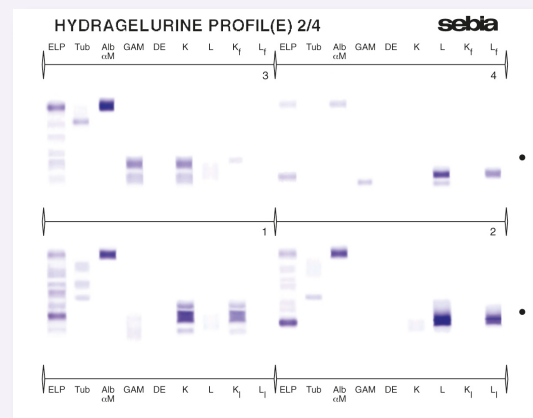
Monoclonal component quantification



Immunoglobulin characterisation (uIF)

- Option 2: simultaneous testing

Monoclonal characterisation & kidney damage assessment

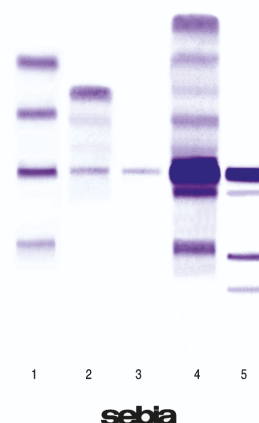


Kidney damage assessment

- Overflow, renal (tubular/glomerular/mixed), post-renal proteinuria

Proteinuria

HYDRAGEL 5 PROTEINURIE





	Proteinuria screening	Urine peak quantification	Overflow proteinuria characterisation	Kidney lesion characterisation	Post renal proteinuria characterisation	Sebia Instrument(s) needed
CAPILLARYS Urine Protein Electrophoresis (UPE)	Yes	Yes	Yes (together with the gel BJ and UP)	Yes/No*	No	MINICAP Flex Piercing CAPILLARYS 3
CAPILLARYS Urine Immunotyping	Yes	No	Yes (no specific identification of kappa free or lambda free)	Yes/No*	No	MINICAP Flex Piercing CAPILLARYS 3
Hydragel 7-15 HR	Yes	Yes	Yes (together with the gel BJ and UP)	Yes/No*	No	HYDRASYS 2 Scan focusing
Hydragel Proteinuria	Yes	No	Yes (together with the gel BJ and UP)	Yes	Yes	
Hydragel Urine Profile (UP)	Yes	Yes (not CE marked)	Yes	Yes	Yes	
Hydragel 1-2 - 4-9 Bences Jones (BJ)	Yes	Yes (not CE marked)	Yes	Yes/No*	No	

*according to the distribution of proteins

Ordering information

HYDRAGEL

- HYDRAGEL 7 HR**4102**
- HYDRAGEL 15 HR**4122**
- HYDRAGEL 5 PROTEINURIE**4115**
- HYDRAGEL 1 BENCE JONES**4821** SM* **4321** DM**
- HYDRAGEL 2 BENCE JONES**4822** SM* **4322** DM**
- HYDRAGEL 4 BENCE JONES**4824** SM* **4324** DM**
- HYDRAGEL 2 URINE PROFIL(E)**4831** SM* **4331** DM**
- HYDRAGEL 4 URINE PROFIL(E)**4832** SM* **4331** DM**

* SM : Standard Mask

** DM : Dynamic Mask

CAPILLARYS

- CAPI 3 PROTEIN(E) 6**2503**
- CAPILLARYS / MINICAP URINE**2013**
- CAPI 3 URINE**2513**
- Sebia dialysis system**9200**
- CAPI 3 Immunotyping**2600**
- CAPILLARYS Immunotyping**2100**

Non-exhaustive list, contact your local representative for more information about the Sebia gel range.



Scan here
for more information
about Proteinuria testing

For further information, please find your Sebia local representative to contact on our Website www.sebia.com/sebia/worldwide-presence/.

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