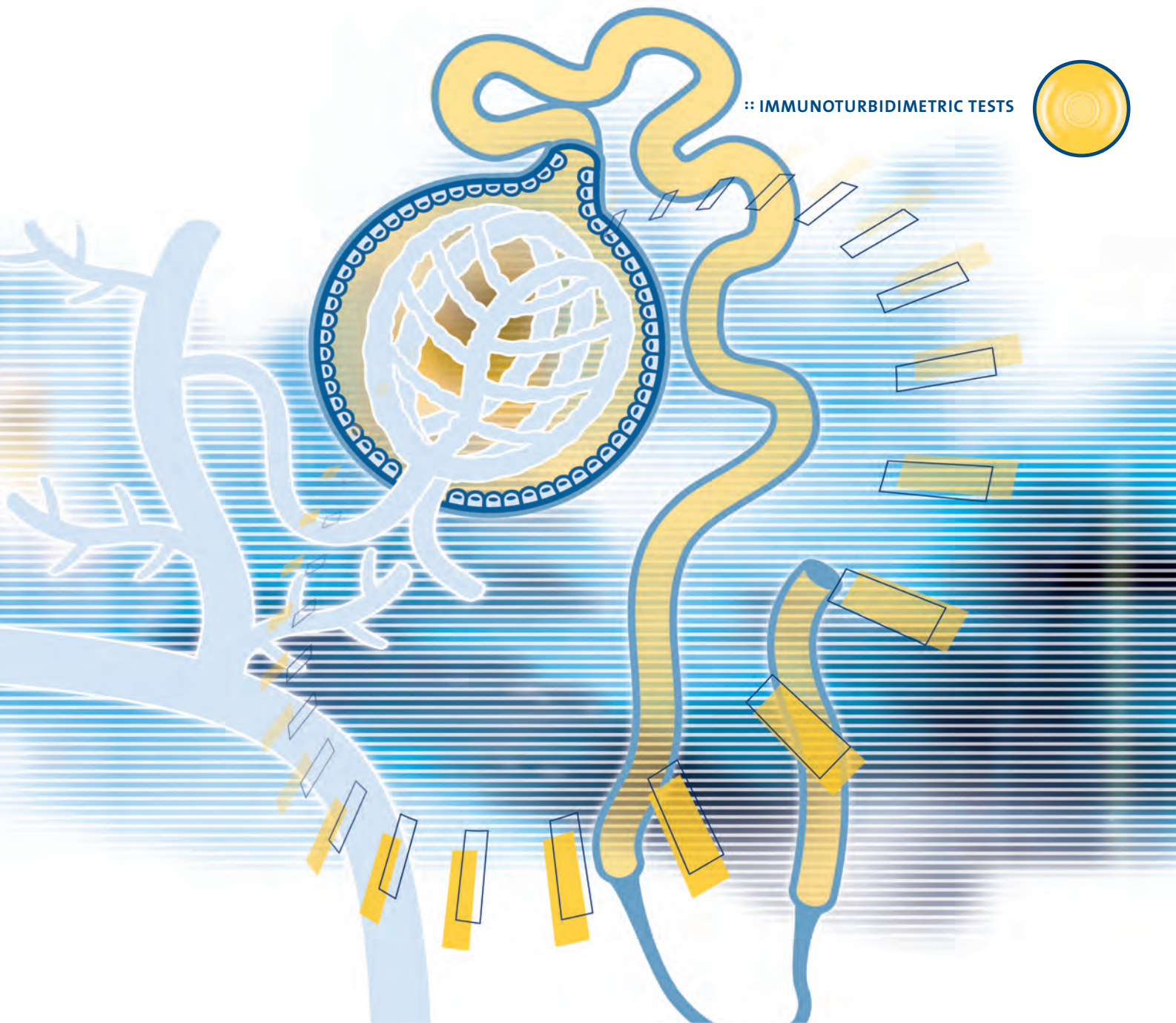


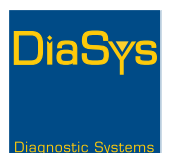
:: IMMUNOTURBIDIMETRIC TESTS



## ALBUMIN IN URINE/CSF FS (MICROALBUMIN)

Immunoturbidimetric reagent for sensitive and specific measurement of albumin in urine, CSF, serum, and plasma

- :: High measuring range combined with extraordinary antigen excess security
- :: Liquid-stable, ready-to-use reagent, calibrators, and controls
- :: Measurement of serum/plasma, CSF, and urine samples with one reagent
- :: Traceability to Certified Reference Material CRM 470



CHOOSING QUALITY.

## Clinical use

Specific albumin measurement in urine is used for the diagnosis of microalbuminuria. The increased albumin clearance is one of the earliest signs of kidney damage in development of diabetic nephropathy. It is also an indicator for increased cardiovascular risk; elevated concentrations in urine can show early damage of vessels due to arteriosclerosis. Measurement in CSF and serum is used for the determination of the CSF/serum albumin ratio (RALb) in investigations on the blood-brain barrier.

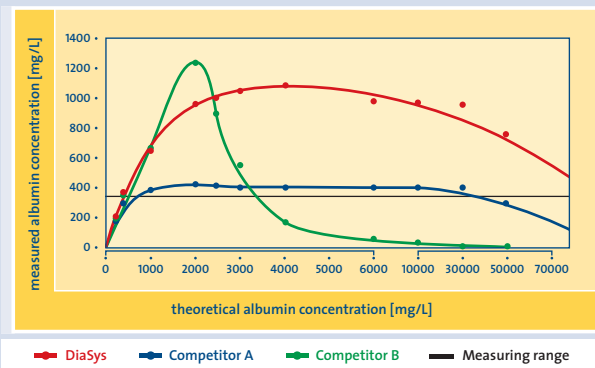
### Superior performance

- ⚡ Extraordinary antigen excess security up to 60000 mg/L
- ⚡ Measuring range up to 350 mg/L in urine and 120 g/L in serum/plasma
- ⚡ Traceability to Certified Reference Material CRM 470
- ⚡ Reliable recovery of various control sera
- ⚡ Excellent correlation to other methods

### Convenient use

- ⚡ Measurement of serum/plasma, CSF, and urine samples with one reagent
- ⚡ Liquid-stable, ready-to-use reagent, calibrators, and controls
- ⚡ Wide variety of kit sizes – Kits for automated systems and multi-purpose kits
- ⚡ Instrument applications available

### Prozone security in Albumin in Urine/CSF FS (Microalbumin)



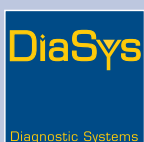
As the graphics shows, the DiaSys reagent gives values significantly above the upper limit of the measuring range, even for very high samples. Therefore, the risk of false low results due to the prozone effect (high-dose hook effect, antigen excess) is minimized. Using the competitors' methods, very high concentrations are measured within the normal measuring range and therefore falsely low.

### Albumin in Urine/CSF FS (Microalbumin)

Cat. No.	Kit size					
1 0242 99 10 021	R1	5 x 25 mL	+	R2	1 x 25 mL	Multi-purpose kit
1 0242 99 10 023	R1	1 x 1000 mL	+	R2	1 x 200 mL	Multi-purpose kit
1 0242 99 10 921	4 x 100 determinations per kit					Kit for respons <sup>®</sup>
1 0242 99 10 930	R1	4 x 20 mL	+	R2	2 x 8 mL	Kit for automated systems*
1 0242 99 10 935	R1	2 x 20 mL	+	R2	1 x 8 mL	Kit for automated systems*

\* Hitachi 911/912/917 bar code; bottles suitable for Hitachi704/717/902/911/912/917, Olympus AU 400/640/800/2700, Abbott Aeroset, Siemens ADVIA

Liquid-stable, ready-to-use calibrators and controls for urine/CSF respectively serum measurement available on request.



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