

RATIO OF ALBUMIN AND CREATININE IN THE URINE

U –AlbKre (4511)

The examination is used for the early screening of diabetic nephropathy.

Sampling equipment

- Screw-cap urine sample container with a transfer tip
- 1 vacuum sample tube; preservative free (beige),
- Name tag
- Plastic bag (for example, Minigrip®)



Sampling

Sample is taken first thing in the morning from the first urine after waking up. Only containers and tubes provided by the laboratory may be used in the sampling.

- Initially, a small amount of urine is drained into the toilet bowl with the urethra mouth exposed (women: by spreading labia / men: by pulling foreskin back). The urine stream must be uninterrupted.
- Next, the sample container is placed under the urine stream and the sampling container is filled to approximately 2/3 full. The remaining urine is discharged into the toilet bowl.

Transferring the sample into the vacuum sample tube: BD Vacutainer® urine sampling

1. Open the lid seal sticker. Be careful with the sampling needle inside the lid.
2. **The sampling tube cap must not be opened.** Press the sampling tube cap-first all the way to the bottom against the sampling needle on the lid. The needle will pierce the cap on the tube and the urine sample will be transferred by vacuum inside the vacuum sampling tube. Hold the tube steady as long as the surface of the liquid rises. Remove the tube when it is no longer filling up. Close the sampling container lid with the seal sticker.
3. Carefully turn the sampling tube upside down 8–10 times. Empty the rest of the urine from the sampling container into the toilet bowl. Dispose of the sampling container in



Sample storage and transport

Attach a name tag with your name, social security number and sampling date onto the sampling tube. Place the tube into the plastic bag. Store the sample in a refrigerator until it is

transported. The sample must not freeze. **The sample is delivered to the laboratory at room temperature as soon as possible on the day of sampling.**