

Urinalysis

@CPSolvers

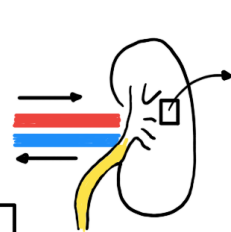
ATN

Early Pre-renal

UA nl Pr/Gr nl Micro nl

Early Post-renal

UA nl Pr/Gr nl Micro nl



Glomerular

UA nl

Pr/Gr

- Elevated but ≤ 1
- Mostly non-albumin

Micro

- Muddy Brown Casts

Vascular

UA nl

Pr/Gr

- Elevated but ≤ 1
- Mostly non-albumin

Micro

- nl

Nephritic

UA

- ⊕ Protein
- ⊕ Blood

Pr/Gr

- Elevated but ≤ 1
- Mostly Albumin

Micro

- Dysmorphic RBCs
- Sens ↓
- Spec ↓
- RBC Casts
- Sens ↓↓
- Spec ↑

Other

UA

- ⊕ Protein

Pr/Gr

- Elevated
- Mostly Albumin
- $\gg 3.5 \rightarrow ?$ Nephrotic Syndrome

Micro

- nl
- Fatty Casts - rare

Interstitial

UA nl

Pr/Gr

- Elevated but ≤ 1
- Mostly non-albumin

Micro

- nl - common
- WBCs - occasional
- WBC Casts - rare

UA

Protein assay detects Albumin only

Pr/Gr

Measures all protein in urine