888 participants with diabetes eligible for inclusion

Excluded:
- 27 Age < 40 years
- 23 T1DM or other special types of diabetes
- 47 With ketoacidosis or hyperosmolar nonketotic diabetic coma
- 6 ALT/AST (U/L) > 120
- 107 With serious infection, malignant tumor and other renal diseases (acute kidney injury, glomerulonephritis, tubulointerstitial lesions and so on)

Potential participants N=678

Excluded:
- 97 Declined to participate
- 18 Replicate patients
- 336 Incomplete data
- 18 Unqualified blood samples

Included in analysis N=209