Figure 1. Flow chart describing the selection of the study participants

122,288 participants who underwent a cardiac computed-tomography to measure coronary artery calcium score as part of a comprehensive health examination from January 2010 to December 2018 with at least one follow-up visit before December 31, 2020

Exclusions (n=9,117): some individuals met more than one criterion for exclusion
- Missing information on body mass index, creatinine, and urine protein (n=2,496)
- History of cardiovascular disease (n=1,227)
- History of kidney disease (n=3,665)
- Estimated glomerular filtration rate < 60 ml/min/1.73m^2 (n=315)
- Proteinuria (n=1,956)

113,171 participants were eligible in the analysis