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# CKD-EPI Creatinine-Cystatin C Formula

National Cancer Institute

## Source

National Cancer Institute. *CKD-EPI Creatinine-Cystatin C Formula*. NCI Thesaurus. Code C161340.

A formula to estimate glomerular filtration rate that takes into account sex, age, race, serum creatinine (SCr) and serum cystatin C (Scys). 
$$\text{eGFR}(\text{mL}/\text{min}/1.73 \text{ m}^2) = 135 \times \min(\text{SCr}/k, 1)^a \times \max(\text{SCr}/k, 1)^{-0.601} \times \min(\text{Scys}/0.8, 1)^{-0.375} \times \max(\text{Scys}/0.8, 1)^{-0.711} \times 0.995^{\text{Age}} \times 0.969 [\text{if female}] \times 1.08 [\text{if black}].$$
 (Inker LA, Schmid CH, Tighiouart H, et al. Estimating glomerular filtration rate from serum creatinine and cystatin C. N Engl J Med. 2012;367(1):20-29.)