

**Table S1.** Descriptive statistical results of controls and T2DM patients with normo-, micro- and macroalbuminuria, in studies involving KIM-1.

Type of participants	Controls (healthy)	Type 2 Diabetes with normoalbuminuria	Type 2 Diabetes with microalbuminuria	Type 2 Diabetes with macroalbuminuria
no. of participants	196	282	92	135
Sex (%male)	48.4	43.5	47.2	52.1
Age	49.6	55.1	56.8	59.2
eGFR(mL/min/1,73m <sup>2</sup> )	105.9	99.0	96.6	73.3
HbA1c (%)	4.5	7.6	8.0	8.7
UACR (mg/g Cr)	7.9	12.4	82.7	7521.0

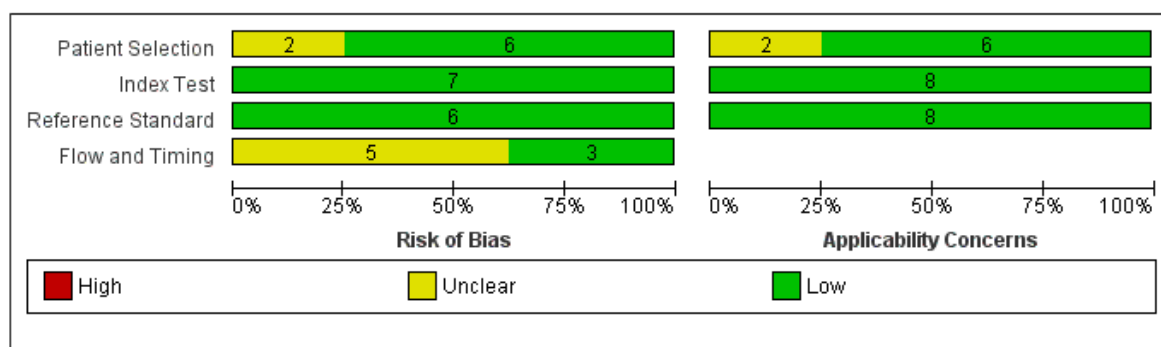
eGFR: estimated glomerular filtration rate, HbA1c: glycated hemoglobin A1c, UACR: urinary albumin-creatinine ratio.

**Table S2.** Descriptive statistical results of controls and T2DM patients with normo-, micro- and macroalbuminuria, in studies involving YKL-40.

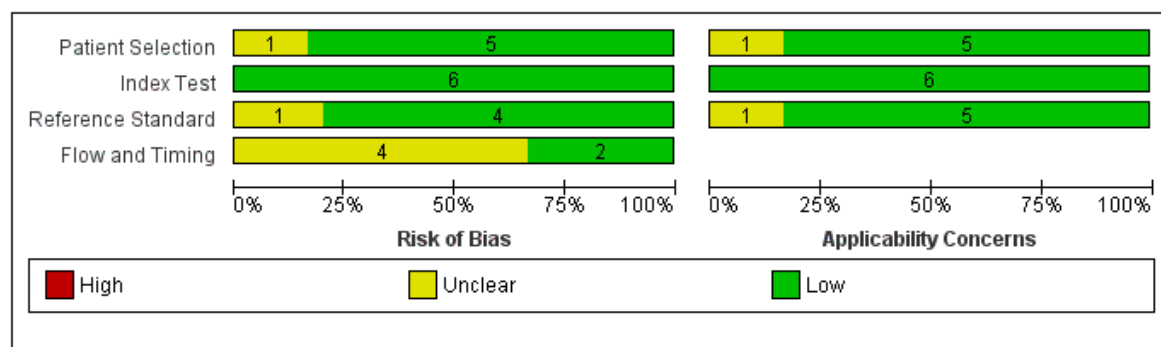
Type of participants	Controls (healthy)	Type 2 Diabetes with normoalbuminuria	Type 2 Diabetes with microalbuminuria	Type 2 Diabetes with macroalbuminuria
no. of participants	402	483	457	416
Sex (%male)	50.1	50.5	51.3	52.5
Age	53.6	54.6	55.1	56.0
eGFR(mL/min/1,73m <sup>2</sup> )	105.3	86.8	77.8	67.1
HbA1c (%)	5.4	8.3	8.6	8.8
UACR (mg/g Cr)	8.8	12.4	81.7	740.5

eGFR: estimated glomerular filtration rate, HbA1c: glycated hemoglobin A1c, UACR: urinary albumin-creatinine ratio.

**Table S3.** Risk of bias and applicability concern graph for the studies concerning uKIM-1. Each risk of bias item of all included studies, is represented as percentage (%).



**Table S4.** Risk of bias and applicability concern graph for the studies concerning YKL-40. Each risk of bias item of all included studies, is represented as percentage (%).



**Table S5.** Correlation analysis of KIM-1 and YKL-40 with eGFR, HbA1c and UACR.

Parameters	n. of studies	KIM-1		n. of studies	YKL-40	
		r	p value		r	p value
duration of diabetes	5	0.56	0.161	5	0.75	0.066
eGFR (mL/min/1,73m <sup>2</sup> )	4	-0.95	0.001	5	-0.68	0.148
HbA1c (%)	4	0.83	<10 <sup>-4</sup>	6	0.86	<10 <sup>-4</sup>
UACR (mg/g Cr)	5	0.91	0.003	4	0.88	0.004

eGFR: estimated glomerular filtration rate, HbA1c: glycated hemoglobin A1c, UACR: urinary albumin-creatinine ratio. p value <0.05 denotes a statistically significant result.