**Sitagliptin** records identified through search of FDA Drug Approval Package, Cochrane Review, clinical trials.gov registry, and manual searching (n = 48)

**Linagliptin** records identified in sponsor’s library (n = 10)

**Sitagliptin and linagliptin** records identified in Embase searching, Cochrane library, sponsor’s library, clinical trials.gov registry, Australian and New Zealand Clinical Trial registry, and manual searching (n = 1008)

Records excluded (n = 13)

Records screened (n = 45)

Records after duplicates removed (n = 41)

Full-text articles assessed for eligibility (n = 41)

Studies included in qualitative synthesis (n = 25)

Studies included in quantitative synthesis (meta-analysis) (n = 25)

Records excluded (n = 992)

Records screened (n = 16)

Records excluded, with reasons (n = 16)