Elderly residents at 32 nursing homes
n = 1187

Not included (n = 436)
- Away when the study took place n=8
- Substantial incontinence n=291
- Urinary indwelling catheter n=96
- Ongoing dialysis n=1
- Unknown reason n=40

Eligible patients fulfilling inclusion criteria n = 751

Excluded patients (n = 96)
- Refused participation n=96

Conclusive results (n = 651)
- Gold standard (urinary culture) n=651
- Visual nitrite dipstick n=650
- Analyzer nitrite dipstick n=643
- Visual leukocyte esterase dipstick n=630
- Analyzer leukocyte esterase dipstick n=642

Inconclusive results (n = 4)
- Data accidently lost n=3
- Accidentally two urinary cultures were taken showing different results n=1