**Quality Items** 5 Withdraws form study explained 6 Uninterpretable test results reported 19 Reference standard results interpreted without the Index test results interpreted without the knowledge of reference 19 standard 15 Execution of reference standard described sufficiently to Execution of index test described sufficiently to permit replication 10 Time period between index test and reference standard < 4 16 Stage of disease reported 18 Clinical demographics reported 13 Whole or random sample verification 13 Prospective data collection 10 Consecutive or random recruitment 20% 40% 60% 80% 🔲 No 🔲 Unclear 🔲 Not

applicable