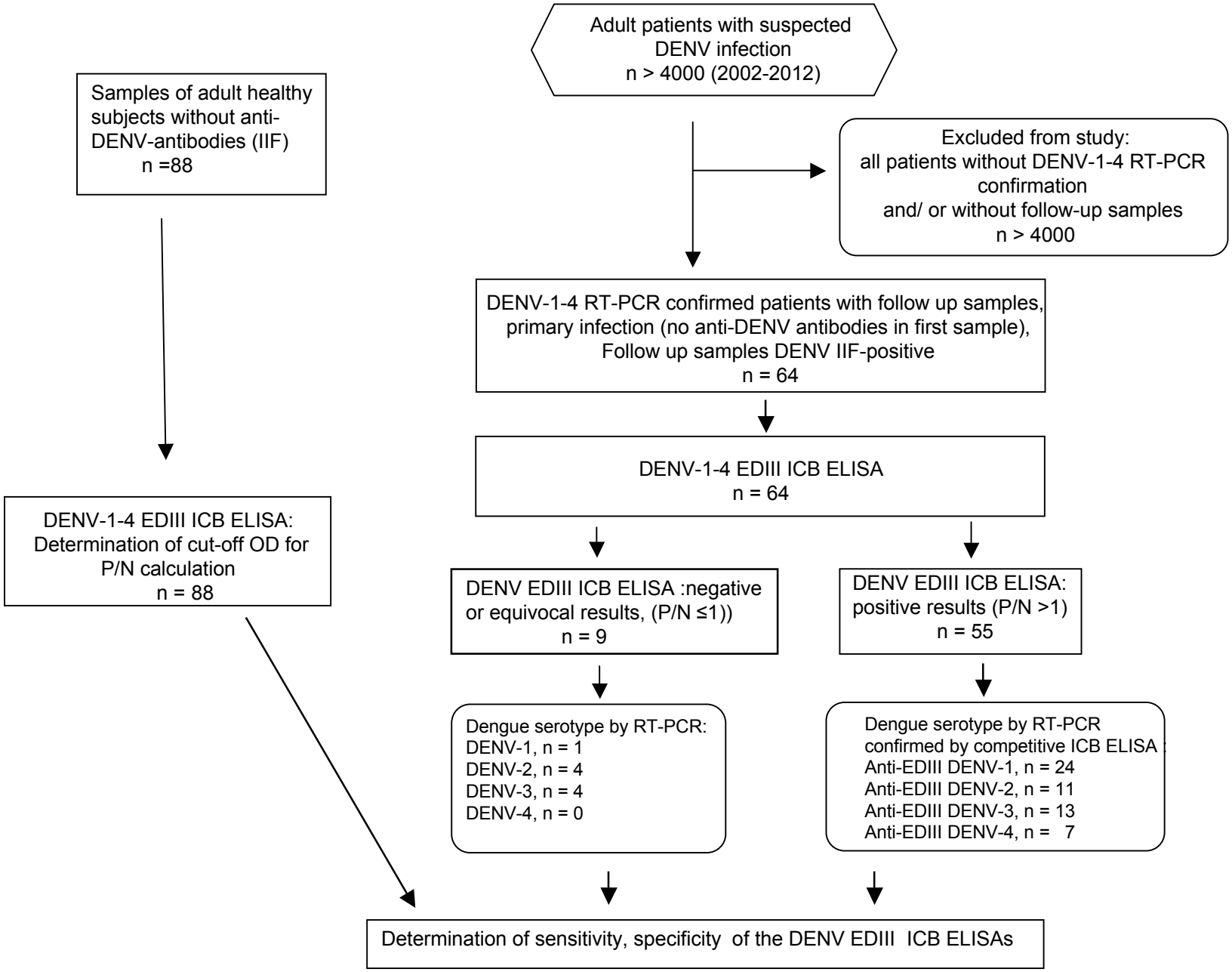
Adult patients with suspected DENV infection
n > 4000 (2002-2012)
Samples of adult healthy subjects without anti-DENV-antibodies (IIF)
n =88
Excluded from study:
all patients without DENV-1-4 RT-PCR confirmation
and/ or without follow-up samples
n > 4000
DENV-1-4 RT-PCR confirmed patients with follow up samples, primary infection (no anti-DENV antibodies in first sample), Follow up samples DENV IIF-positive
n = 64
DENV-1-4 EDIII ICB ELISA
n = 64
DENV-1-4 EDIII ICB ELISA: Determination of cut-off OD for P/N calculation
n = 88
DENV EDIII ICB ELISA :negative or equivocal results, (P/N ≤1))
n = 9
DENV EDIII ICB ELISA: positive results (P/N >1)
n = 55
Dengue serotype by RT-PCR:
DENV-1, n = 1
DENV-2, n = 4
DENV-3, n = 4
DENV-4, n = 0
Dengue serotype by RT-PCR confirmed by competitive ICB ELISA :
Anti-EDIII DENV-1, n = 24
Anti-EDIII DENV-2, n = 11
Anti-EDIII DENV-3, n = 13
Anti-EDIII DENV-4, n = 7
Determination of sensitivity, specificity of the DENV EDIII ICB ELISAs