Exclusion criteria of subjects and flow chart

2,472 subjects underwent detailed medical checkups between April 2009 and March 2010

- Subjects with C-reactive protein ≥ 10.0 mg/l, estimated glomerular filtration rate ≤ 35 ml/min/1.73 m², serum amylase ≤ 30 IU/l or ≥ 200 IU/l, and those suspected of having cancer were excluded (n = 45).

- 905 subjects who habitually consumed alcohol ≥ 20 g per day were excluded.

- 21 subjects positive for hepatic B virus surface antigen were excluded.

- 26 subjects with alanine aminotransferase ≥ 150 IU/ml, aspartate aminotransferase ≥ 150 IU/ml, or γ-glutamyltransferase ≥ 150 IU/ml were excluded.

- 1,475 subjects aged 30 to 79 years remained for this analysis.