

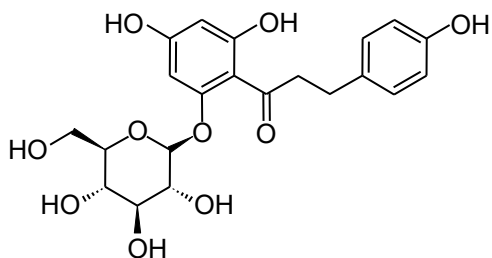
**Phloretins in apple
fruit**



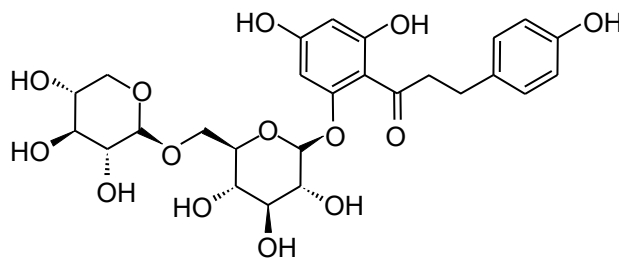
Low-PhA



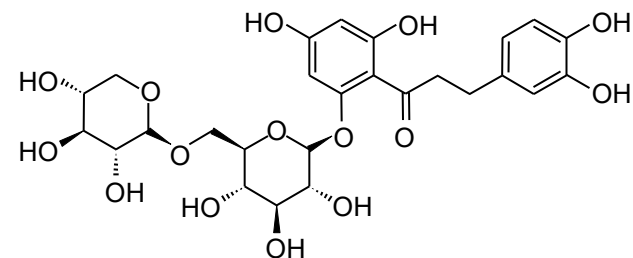
High-PhA



**Phloretin-2'-O-glucoside
(phloridzin)**

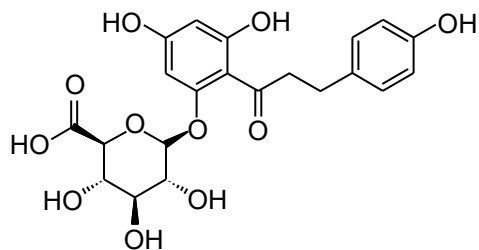


Phloretin-2'-O-(2''-xylosyl)glucoside

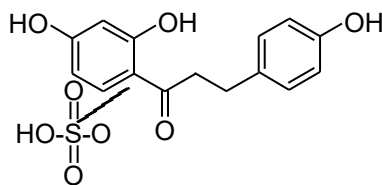


3-Hydroxyphloretin-2'-O-(2''-xylosyl)glucoside

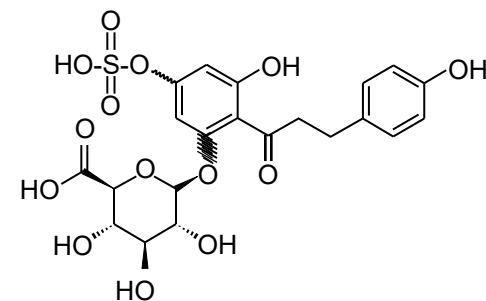
**Phloretin phase II metabolites in
human urine**



Phloretin-2'-O-glucuronide

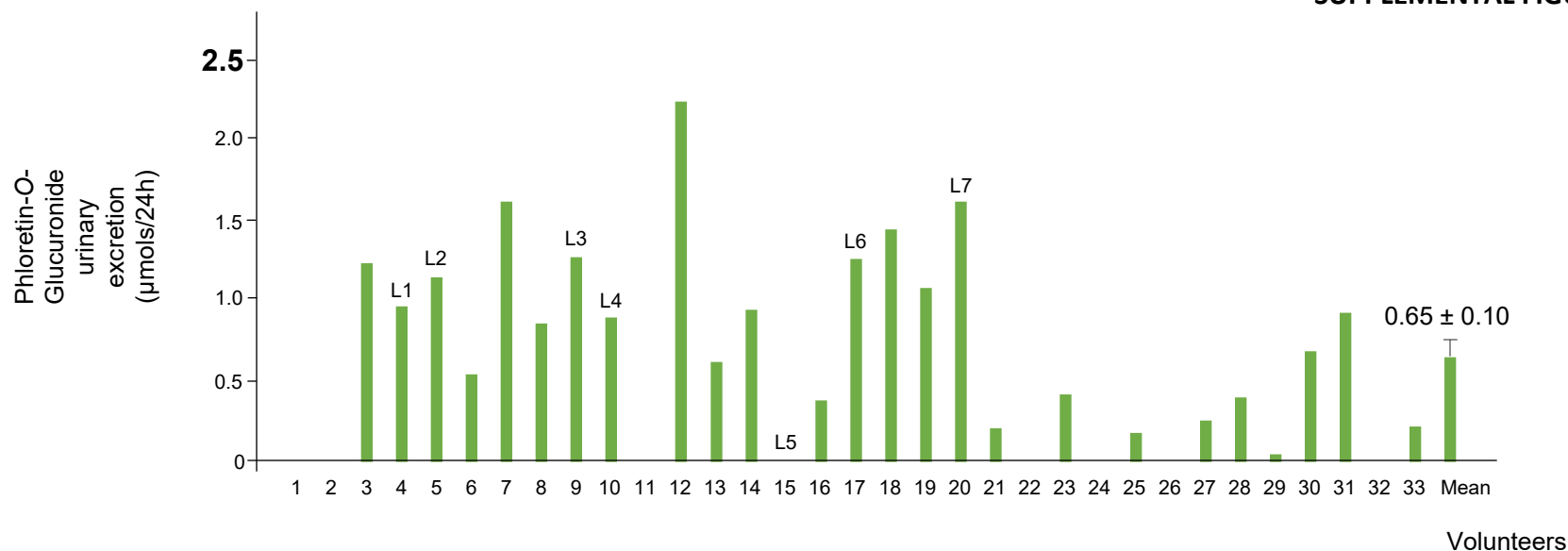


(*) Phloretin-2'-O-sulphate

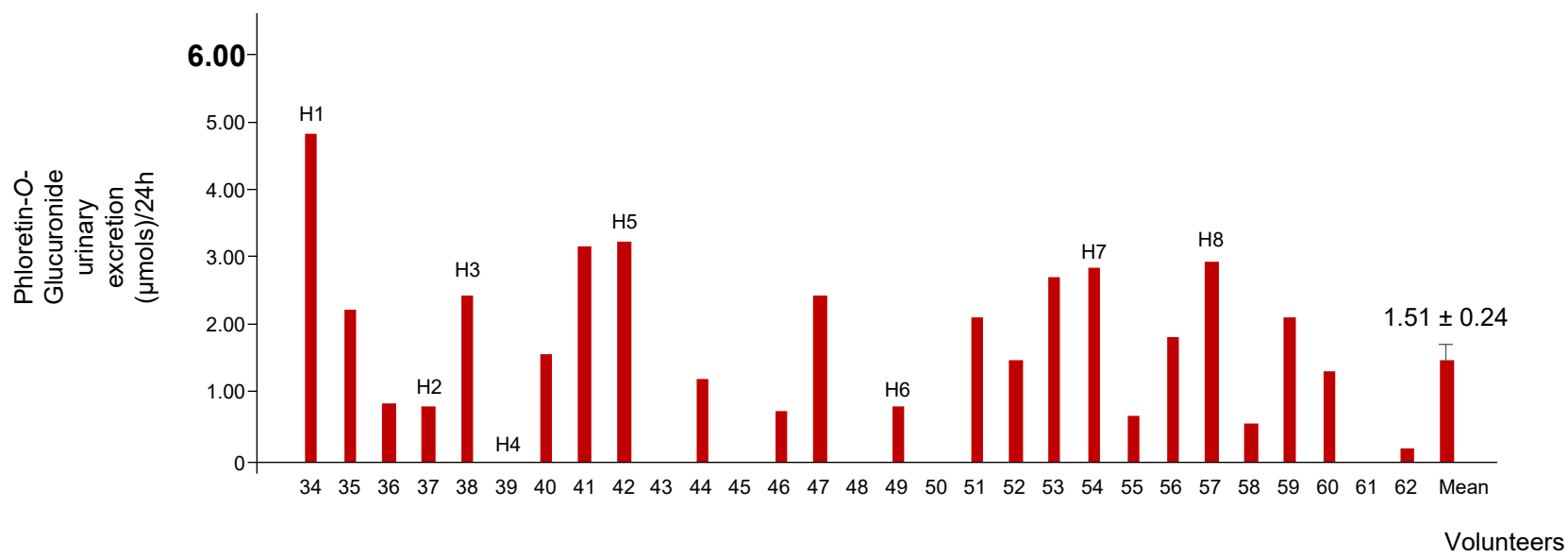


(*) Phloretin-O-sulphate-O-glucuronide

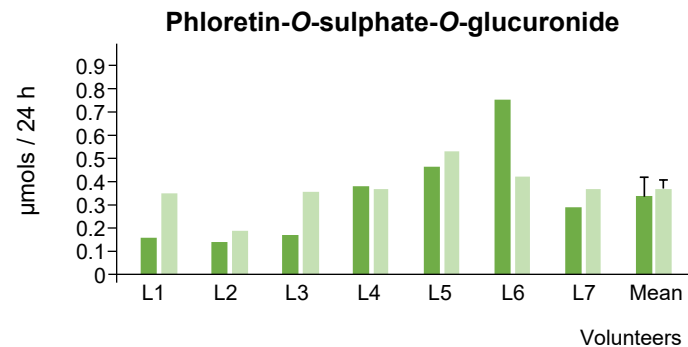
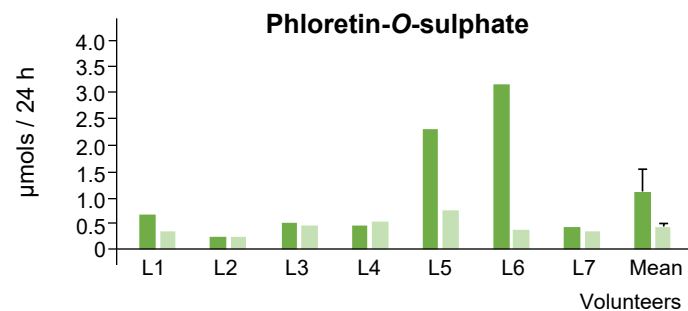
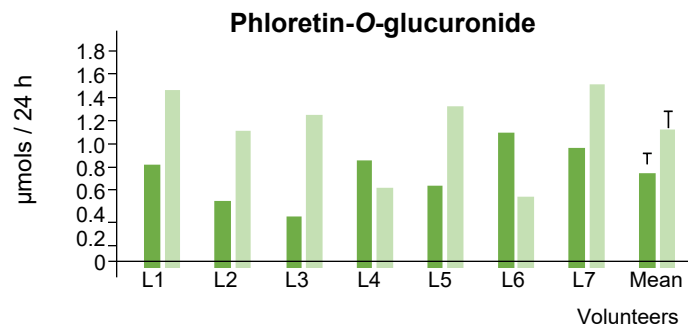
a) Low-phloretin apple snack



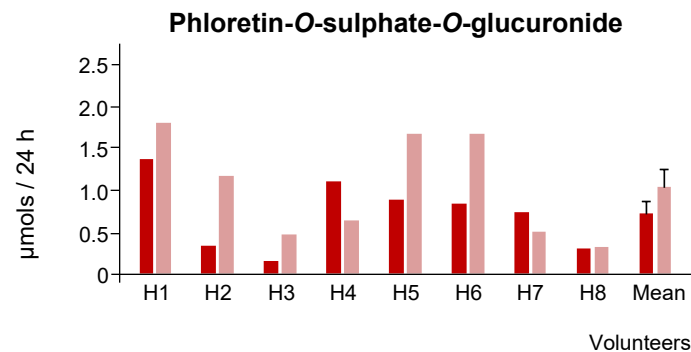
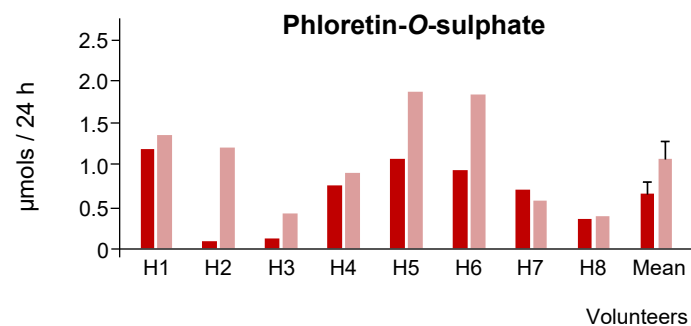
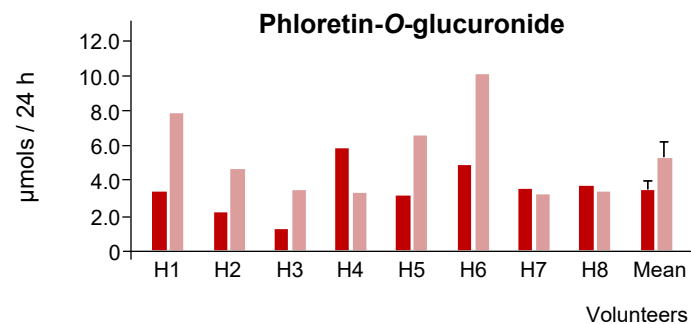
b) High-phloretin apple snack



a) Low-phloretin apple snack



b) High-phloretin apple snack



■ First acute Low-PhA snack intake
 ■ Second acute Low-PhA snack intake

■ First acute High-PhA snack intake
 ■ Second acute High-PhA snack intake