

S1 The digestion of CIYP in simulated gastric juice

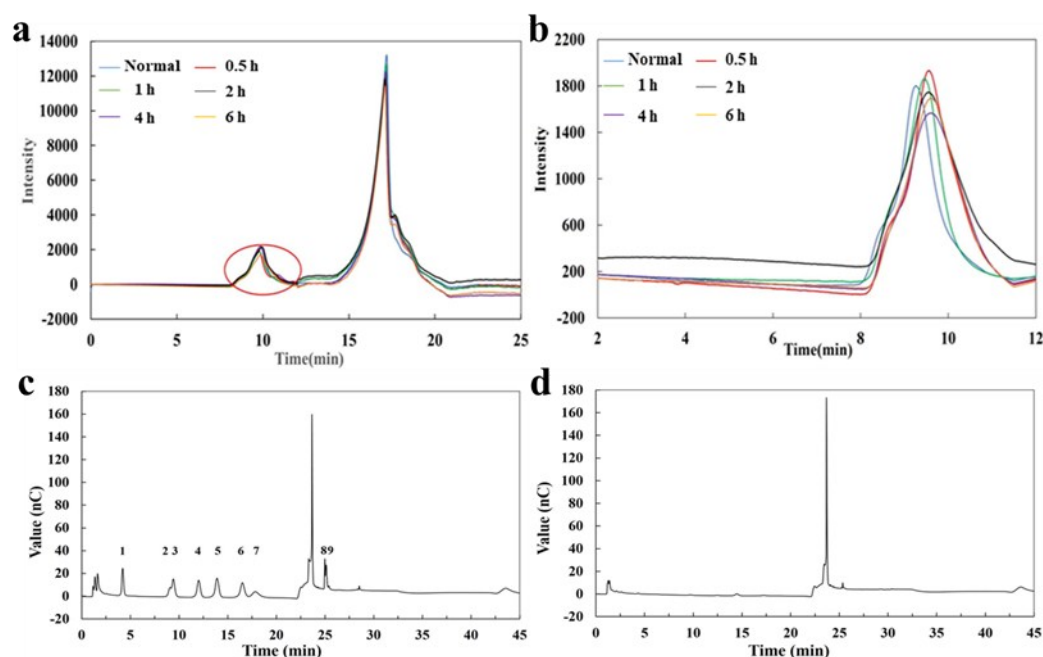


Fig. S1: The digestion product of CIYP in simulated gastric juice; b: Locally enlarged liquid phase diagram; c: Ion chromatography of monosaccharide mixed standard solution (1- fucose, 2- rhamnose, 3- arabinose, 4- galactose, 5- glucose, 6- xylose, 7- mannose, 8- galacturonic acid, 9- glucuronic acid); d: Ion chromatography of digested CIYP from simulated digested liquid in vitro.

Table S1

Molecular weight change of CIYP after digestion in vitro

| Group | Retention time (min) | M_w (kDa) |
|--------|----------------------|-------------|
| Normal | 9.22 | 1870±3.16 |
| 0.5 h | 9.40 | 1857±2.29 |
| 1 h | 9.58 | 1848±3.28 |
| 2 h | 9.61 | 1847±4.01 |
| 4 h | 9.63 | 1844±2.03 |
| 6 h | 9.66 | 1842±4.13 |