

Supplementary information.

***In vitro* starch digestion kinetics of breads varying in dietary fibre content and composition, compared with *in vivo* portal appearance of glucose in pigs**

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Table S1. In vitro cumulative starch hydrolysis expressed in % of dry starch, digestion rate *k* and asymptote digestion value.

Time	Breads					SEM	<i>p</i> -value
	WWB	WRB	WRBK	AXB	BGB		
0	1.1 ^b	0.7 ^c	0.4 ^d	3.2 ^a	0.4 ^d	0.04	<0.0001
5	64.8 ^a	57.6 ^b	47.3 ^c	59.2 ^{ab}	45.2 ^c	2.70	0.0002
10	65.6 ^a	64.3 ^{ab}	57.0 ^{bc}	62.7 ^{ab}	52.5 ^c	2.49	0.0064
15	71.1 ^{ab}	73.5 ^a	67.9 ^{ab}	64.0 ^{bc}	58.7 ^c	2.78	0.0128
30	85.6 ^a	89.4 ^a	82.2 ^a	84.9 ^a	72.2 ^b	2.61	0.0061
60	91.8	89.5	85.1	95.8	89.9	2.5	0.46
120	94.6	90.0	92.6	96.5	92.7	4.27	0.84
180	94.8	93.4	95.2	98.9	93.5	3.04	0.74
<i>k</i> , % hydr./min	0.1595 ^a	0.1462 ^{ab}	0.1048 ^{ab}	0.1000 ^{ab}	0.0744 ^b	0.02	0.06
Asymptote, %	89.8	89.6	89.5	94.4	90.2	3.1	0.75

WWB, white wheat bread; WRB, whole grain rye bread; WRBK, whole grain rye bread with kernels, AXB, wheat bread with arabinoxylan concentrate; BGB, wheat bread with β -glucan concentrate; ^{a,b,c} Mean values within a row with unlike superscript letters are significantly different ($p < 0.05$).