

AGE (WKS)	TEST	PARAMETERS RECORDED
3	Weaned mice received	Place on chow or HFHS diet
	Body weight	
4	Body weight	
5	Body weight	
6	Body weight	
7	Body weight	
8	Clinical chemistry	Fasted: Plasma TBIL, Ca, P, LIP, FRUC, GLU
	Body weight	GLDH, BUN, HDL, , CHOL, NEFA, TG
10	Complete blood count	Whole blood: Red and White cells; differentials
	Body weight	
11	Urinalysis	Urine: GLU, CREA, microalbumin
12	Bone analysis and body composition by DXA	Body weight, length, area; lean and fat mass; bone content, density and area
13	Electrocardiogram	Heart rate, variation and other cardiac conduction features
14	Body weight	
15	Whole body composition by qNMR	Fat and lean tissue mass; free and total water; body weight
16		
17	Plasma sample assessments	Non-fasted: Plasma calcium, phosphorus, albumin, creatinine, adiponectin, ghrelin, insulin and leptin
18	Body weight	
19	Clinical chemistry	Same parameters as 8-week test
20	Urinalysis	Same parameters as 11-wk test
21	Bone analysis and body composition by DXA	Same parameters as 12-wk test
22	Complete blood count	Same parameters as 10-wk test
	Body weight	
23		
24	IPGTT	15 hr fast: glucose tolerance test
26-30	Necropsy and body and organs weights	4 h fast prior to necropsy, body and organ weights

Note: Body weights are additionally recorded at 9, 11, 12, 13, 15, 16, 17, 19, 20, 21, 23, 24 and 25 weeks but are not used for analysis. These measures are available in the download file.