

Table 3. Difference in fluoride release at time intervals between both materials

t	Dataset number	Outcome	95%CI	p-value	Medium (unit of measurement)
4h	14	MD 1.23	1.16, 1.30	<0.00001*	In deionized water (µg/mm ²)
8h	15	MD 0.47	0.41, 0.53	<0.00001*	
12h	16	MD 0.34	0.24, 0.44	<0.00001*	
24h/1d	[17,51,56]	WMD 0.80	0.23, 1.36	=0.006*	In deionized water (ppm)
	[5,33]	WMD 8.42	6.24, 10.59	<0.00001*	
48h/2d	[6,34]	WMD 5.39	2.38, 8.40	=0.0004*	In deionized water (µg/mm ²)
	18	MD 0.30	0.22, 0.38	<0.00001*	
72h/3d	19	MD 0.36	0.31, 0.41	<0.00001*	In deionized water (ppm)
	[7,35]	WMD 3.51	-1.16, 8.18	=0.14	
4d	36	MD 5.62	5.07, 6.17	<0.00001*	In deionized water (ppm)
5d	37	MD 4.11	3.69, 4.53	<0.00001*	
6d	38	MD 2.38	2.08, 3.68	<0.00001*	
168h/7d	39	MD 0.93	0.76, 1.10	<0.00001*	In deionized water (µg/mm ²)
	20	MD 0.50	0.39, 0.61	<0.00001*	
10	8	MD 0.96	0.77, 1.15	<0.00001*	In deionized water (ppm)
	[52,57]	WMD 0.17	-0.05, 0.38	=0.12	
336h/14d	21	MD 0.52	0.49, 0.55	<0.00001*	In deionized water (µg/mm ²)
	40	MD 2.43	1.50, 3.36	<0.00001*	
20d	9	MD 0.87	0.77, 0.97	<0.00001*	In deionized water (ppm)
21d	41	MD 0.24	-0.62, 1.10	=0.58	
28d	22	MD 0.34	0.30, 0.38	<0.00001*	In deionized water (µg/mm ²)
	42	MD -0.18	-0.62, 0.26	=0.42	
30d	10	MD 0.82	0.69, 0.95	<0.00001*	In deionized water (ppm)
40d	[53,58]	WMD 0.11	-0.07, 0.29	=0.22	
1344h/56d	23	MD 0.43	0.39, 0.47	<0.00001*	In deionized water (µg/mm ²)
3m	[54,59]	WMD 0.01	-0.05, 0.08	=0.68	
2688h/112d	24	MD 0.47	0.43, 0.51	<0.00001*	
6m	[55,60]	WMD 0.03	-0.01, 0.08	=0.17	

.t = time interval; h = hour(s); d = day(s); w = week(s); m = month(s); y = year; WMD = weighted mean difference; MD = mean difference; CI = confidence interval, [] = datasets combined through meta-analysis (random effects model).

* Result in favor of GIC

Results in red = no difference between both materials