

Dosing Calculations

Determine the dosing and infusion values for your patient¹

Patients weighing 88 lbs to 168 lbs / 40 kg to 76 kg							
Patient Weight		Infusion 1 (10 mg/kg)			Infusions 2 to 8 (20 mg/kg)		
lb*	kg*	Dose (mg)	Vials required (#)	Volume to withdraw (mL)†	Dose (mg)	Vials required (#)	Volume to withdraw (mL)†
88	40	400	1	8.4	800	2	16.8
90	41	410	1	8.6	820	2	17.2
93	42	420	1	8.8	840	2	17.6
95	43	430	1	9.0	860	2	18.1
97	44	440	1	9.2	880	2	18.5
99	45	450	1	9.5	900	2	18.9
101	46	460	1	9.7	920	2	19.3
104	47	470	1	9.9	940	2	19.7
106	48	480	1	10.1	960	2	20.2
108	49	490	1	10.3	980	2	20.6
110	50	500	1	10.5	1000	2	21.0
112	51	510	2	10.7	1020	3	21.4
115	52	520	2	10.9	1040	3	21.8
117	53	530	2	11.1	1060	3	22.3
119	54	540	2	11.3	1080	3	22.7
121	55	550	2	11.6	1100	3	23.1
123	56	560	2	11.8	1120	3	23.5
126	57	570	2	12.0	1140	3	23.9
128	58	580	2	12.2	1160	3	24.4
130	59	590	2	12.4	1180	3	24.8
132	60	600	2	12.6	1200	3	25.2
135	61	610	2	12.8	1220	3	25.6
137	62	620	2	13.0	1240	3	26.1
139	63	630	2	13.2	1260	3	26.5
141	64	640	2	13.4	1280	3	26.9
143	65	650	2	13.7	1300	3	27.3
146	66	660	2	13.9	1320	3	27.7
148	67	670	2	14.1	1340	3	28.2
150	68	680	2	14.3	1360	3	28.6
152	69	690	2	14.5	1380	3	29.0
154	70	700	2	14.7	1400	3	29.4
157	71	710	2	14.9	1420	3	29.8
159	72	720	2	15.1	1440	3	30.3
161	73	730	2	15.3	1460	3	30.7
163	74	740	2	15.5	1480	3	31.1
165	75	750	2	15.8	1500	3	31.5
168	76	760	2	16.0	1520	4	31.9

Patients weighing 170 lbs to 247 lbs / 77 kg to 112 kg							
Patient Weight		Infusion 1 (10 mg/kg)			Infusions 2 to 8 (20 mg/kg)		
lb*	kg*	Dose (mg)	Vials required (#)	Volume to withdraw (mL)†	Dose (mg)	Vials required (#)	Volume to withdraw (mL)†
170	77	770	2	16.2	1540	4	32.4
172	78	780	2	16.4	1560	4	32.8
174	79	790	2	16.6	1580	4	33.2
176	80	800	2	16.8	1600	4	33.6
179	81	810	2	17.0	1620	4	34.0
181	82	820	2	17.2	1640	4	34.5
183	83	830	2	17.4	1660	4	34.9
185	84	840	2	17.6	1680	4	35.3
187	85	850	2	17.9	1700	4	35.7
190	86	860	2	18.1	1720	4	36.1
192	87	870	2	18.3	1740	4	36.6
194	88	880	2	18.5	1760	4	37.0
196	89	890	2	18.7	1780	4	37.4
198	90	900	2	18.9	1800	4	37.8
201	91	910	2	19.1	1820	4	38.2
203	92	920	2	19.3	1840	4	38.7
205	93	930	2	19.5	1860	4	39.1
207	94	940	2	19.7	1880	4	39.5
209	95	950	2	20.0	1900	4	39.9
212	96	960	2	20.2	1920	4	40.3
214	97	970	2	20.4	1940	4	40.8
216	98	980	2	20.6	1960	4	41.2
218	99	990	2	20.8	1980	4	41.6
221	100	1000	2	21.0	2000	4	42.0
223	101	1010	3	21.2	2020	5	42.4
225	102	1020	3	21.4	2040	5	42.9
227	103	1030	3	21.6	2060	5	43.3
229	104	1040	3	21.8	2080	5	43.7
232	105	1050	3	22.1	2100	5	44.1
234	106	1060	3	22.3	2120	5	44.5
236	107	1070	3	22.5	2140	5	45.0
238	108	1080	3	22.7	2160	5	45.4
240	109	1090	3	22.9	2180	5	45.8
243	110	1100	3	23.1	2200	5	46.2
245	111	1110	3	23.3	2220	5	46.6
247	112	1120	3	23.5	2240	5	47.1

*Rounded to the nearest whole number.

†Rounded to the nearest tenth.

Dosing Values ≥ 249 lbs

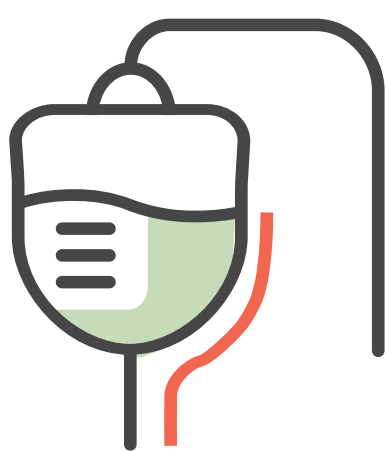
Patients weighing 249 lbs to 326 lbs / 113 kg to 148 kg							
Patient Weight		Infusion 1 (10 mg/kg)			Infusions 2 to 8 (20 mg/kg)		
lb*	kg*	Dose (mg)	Vials required (#)	Volume to withdraw (mL)†	Dose (mg)	Vials required (#)	Volume to withdraw (mL)†
249	113	1130	3	23.7	2260	5	47.5
251	114	1140	3	23.9	2280	5	47.9
254	115	1150	3	24.2	2300	5	48.3
256	116	1160	3	24.4	2320	5	48.7
258	117	1170	3	24.6	2340	5	49.2
260	118	1180	3	24.8	2360	5	49.6
262	119	1190	3	25.0	2380	5	50.0
265	120	1200	3	25.2	2400	5	50.4
267	121	1210	3	25.4	2420	5	50.8
269	122	1220	3	25.6	2440	5	51.3
271	123	1230	3	25.8	2460	5	51.7
273	124	1240	3	26.1	2480	5	52.1
276	125	1250	3	26.3	2500	5	52.5
278	126	1260	3	26.5	2520	6	52.9
280	127	1270	3	26.7	2540	6	53.4
282	128	1280	3	26.9	2560	6	53.8
284	129	1290	3	27.1	2580	6	54.2
287	130	1300	3	27.3	2600	6	54.6
289	131	1310	3	27.5	2620	6	55.0
291	132	1320	3	27.7	2640	6	55.5
293	133	1330	3	27.9	2660	6	55.9
295	134	1340	3	28.2	2680	6	56.3
298	135	1350	3	28.4	2700	6	56.7
300	136	1360	3	28.6	2720	6	57.1
302	137	1370	3	28.8	2740	6	57.6
304	138	1380	3	29.0	2760	6	58.0
306	139	1390	3	29.2	2780	6	58.4
309	140	1400	3	29.4	2800	6	58.8
311	141	1410	3	29.6	2820	6	59.2
313	142	1420	3	29.8	2840	6	59.7
315	143	1430	3	30.0	2860	6	60.1
318	144	1440	3	30.3	2880	6	60.5
320	145	1450	3	30.5	2900	6	60.9
322	146	1460	3	30.7	2920	6	61.3
324	147	1470	3	30.9	2940	6	61.8
326	148	1480	3	31.1	2960	6	62.2

Patients weighing 329 lbs to 401 lbs / 149 kg to 182 kg							
Patient Weight		Infusion 1 (10 mg/kg)			Infusions 2 to 8 (20 mg/kg)		
lb*	kg*	Dose (mg)	Vials required (#)	Volume to withdraw (mL)†	Dose (mg)	Vials required (#)	Volume to withdraw (mL)†
329	149	1490	3	31.3	2980	6	62.6
331	150	1500	3	31.5	3000	6	63.0
333	151	1510	4	31.7	3020	7	63.4
335	152	1520	4	31.9	3040	7	63.9
337	153	1530	4	32.1	3060	7	64.3
340	154	1540	4	32.4	3080	7	64.7
342	155	1550	4	32.6	3100	7	65.1
344	156	1560	4	32.8	3120	7	65.5
346	157	1570	4	33.0	3140	7	66.0
348	158	1580	4	33.2	3160	7	66.4
351	159	1590	4	33.4	3180	7	66.8
353	160	1600	4	33.6	3200	7	67.2
355	161	1610	4	33.8	3220	7	67.6
357	162	1620	4	34.0	3240	7	68.1
359	163	1630	4	34.2	3260	7	68.5
362	164	1640	4	34.5	3280	7	68.9
364	165	1650	4	34.7	3300	7	69.3
366	166	1660	4	34.9	3320	7	69.7
368	167	1670	4	35.1	3340	7	70.2
370	168	1680	4	35.3	3360	7	70.6
373	169	1690	4	35.5	3380	7	71.0
375	170	1700	4	35.7	3400	7	71.4
377	171	1710	4	35.9	3420	7	71.8
379	172	1720	4	36.1	3440	7	72.3
381	173	1730	4	36.3	3460	7	72.7
384	174	1740	4	36.6	3480	7	73.1
386	175	1750	4	36.8	3500	7	73.5
388	176	1760	4	37.0	3520	8	73.9
390	177	1770	4	37.2	3540	8	74.4
392	178	1780	4	37.4	3560	8	74.8
395	179	1790	4	37.6	3580	8	75.2
397	180	1800	4	37.8	3600	8	75.6
399	181	1810	4	38.0	3620	8	76.1
401	182	1820	4	38.2	3640	8	76.5

*Rounded to the nearest whole number.

†Rounded to the nearest tenth.

Please see [Dosage and Administration in the TEPEZZA Prescribing Information](#)



Saline bag size:

- If dose is <1800 mg, use a 100-mL bag of normal saline (0.9% NaCl)¹
- If dose is ≥1800 mg, use a 250-mL bag of normal saline (0.9% NaCl)¹

IV, intravenous.

REFERENCE:

1. TEPEZZA (teprotumumab-trbw) [prescribing information] Amgen.

Dosing Calculations

Determine the dosing and infusion values for your patient¹

Patients weighing 88 lbs to 168 lbs / 40 kg to 76 kg							
Patient Weight		Infusion 1 (10 mg/kg)			Infusions 2 to 8 (20 mg/kg)		
lb*	kg*	Dose (mg)	Vials required (#)	Volume to withdr-aw (mL) [†]	Dose (mg)	Vials required (#)	Volume to withdr-aw (mL) [†]
88	40	400	1	8.4	800	2	16.8
90	41	410	1	8.6	820	2	17.2
93	42	420	1	8.8	840	2	17.6
95	43	430	1	9.0	860	2	18.1
97	44	440	1	9.2	880	2	18.5
99	45	450	1	9.5	900	2	18.9
101	46	460	1	9.7	920	2	19.3
104	47	470	1	9.9	940	2	19.7
106	48	480	1	10.1	960	2	20.2
108	49	490	1	10.3	980	2	20.6
110	50	500	1	10.5	1000	2	21.0
112	51	510	2	10.7	1020	3	21.4
115	52	520	2	10.9	1040	3	21.8
117	53	530	2	11.1	1060	3	22.3
119	54	540	2	11.3	1080	3	22.7
121	55	550	2	11.6	1100	3	23.1
123	56	560	2	11.8	1120	3	23.5
126	57	570	2	12.0	1140	3	23.9
128	58	580	2	12.2	1160	3	24.4
130	59	590	2	12.4	1180	3	24.8
132	60	600	2	12.6	1200	3	25.2
134	61	610	2	12.8	1220	3	25.6
137	62	620	2	13.0	1240	3	26.1
139	63	630	2	13.2	1260	3	26.5
141	64	640	2	13.4	1280	3	26.9
143	65	650	2	13.7	1300	3	27.3
146	66	660	2	13.9	1320	3	27.7
148	67	670	2	14.1	1340	3	28.2
150	68	680	2	14.3	1360	3	28.6
152	69	690	2	14.5	1380	3	29.0
154	70	700	2	14.7	1400	3	29.4
157	71	710	2	14.9	1420	3	29.8
159	72	720	2	15.1	1440	3	30.3
161	73	730	2	15.3	1460	3	30.7
163	74	740	2	15.5	1480	3	31.1
165	75	750	2	15.8	1500	3	31.5
168	76	760	2	16.0	1520	4	31.9

Patients weighing 170 lbs to 247 lbs / 77 kg to 112 kg							
---	--	--	--	--	--	--	--

Patient Weight		Infusion 1 (10 mg/kg)			Infusions 2 to 8 (20 mg/kg)		
lb*	kg*	Dose (mg)	Vials required (#)	Volume to withdr-aw (mL) [†]	Dose (mg)	Vials required (#)	Volume to withdr-aw (mL) [†]
170	77	770	2	16.2	1540	4	32.4
172	78	780	2	16.4	1560	4	32.8
174	79	790	2	16.6	1580	4	33.2
176	80	800	2	16.8	1600	4	33.6
179	81	810	2	17.0	1620	4	34.0
181	82	820	2	17.2	1640	4	34.5
183	83	830	2	17.4	1660	4	34.9
185	84	840	2	17.6	1680	4	35.3
187	85	850	2	17.9	1700	4	35.7
190	86	860	2	18.1	1720	4	36.1
192	87	870	2	18.3	1740	4	36.6
194	88	880	2	18.5	1760	4	37.0
196	89	890	2	18.7	1780	4	37.4
198	90	900	2	18.9	1800	4	37.8
201	91	910	2	19.1	1820	4	38.2
203	92	920	2	19.3	1840	4	38.7
205	93	930	2	19.5	1860	4	39.1
207	94	940	2	19.7	1880	4	39.5
209	95	950	2	20.0	1900	4	39.9
212	96	960	2	20.2	1920	4	40.3
214	97	970	2	20.4	1940	4	40.8
216	98	980	2	20.6	1960	4	41.2
218	99	990	2	20.8	1980	4	41.6
221	100	1000	2	21.0	2000	4	42.0
223	101	1010	3	21.2	2020	5	42.4
225	102	1020	3	21.4	2040	5	42.9
227	103	1030	3	21.6	2060	5	43.3
229	104	1040	3	21.8	2080	5	43.7
232	105	1050	3	22.1	2100	5	44.1
234	106	1060	3	22.3	2120	5	44.5
236	107	1070	3	22.5	2140	5	45.0
238	108	1080	3	22.7	2160	5	45.4
240	109	1090	3	22.9	2180	5	45.8
243	110	1100	3	23.1	2200	5	46.2
245	111	1110	3	23.3	2220	5	46.6
247	112	1120	3	23.5	2240	5	47.1

*Rounded to the nearest whole number.

†Rounded to the nearest tenth.

Dosing Values ≥ 249 lbs

Patients weighing 249 lbs to 326 lbs / 113 kg to 148 kg							
--	--	--	--	--	--	--	--

Patient Weight		Infusion 1 (10 mg/kg)			Infusions 2 to 8 (20 mg/kg)		
lb*	kg*	Dose (mg)	Vials required (#)	Volume to withdr-aw (mL) [†]	Dose (mg)	Vials required (#)	Volume to withdr-aw (mL) [†]
249	113	1130	3	23.7	2260	5	47.5
251	114	1140	3	23.9	2280	5	47.9
254	115	1150	3	24.2	2300	5	48.3
256	116	1160	3	24.4	2320	5	48.7
258	117	1170	3	24.6	2340	5	49.2
260	118	1180	3	24.8	2360	5	49.6
262	119	1190	3	25.0	2380	5	50.0
265	120	1200	3	25.2	2400	5	50.4
267	121	1210	3	25.4	2420	5	50.8
269	122	1220	3	25.6	2440	5	51.2
271	123	1230	3	25.8	2460	5	51.7
273	124	1240	3	26.1	2480	5	52.1
276	125	1250	3	26.3	2500	5	52.5
278	126	1260	3	26.5	2520	6	52.9
280	127	1270	3	26.7	2540	6	53.4
282	128	1280	3	26.9	2560	6	53.8
284	129	1290	3	27.1	2580	6	54.2
287	130	1300	3	27.3	2600	6	54.6
289	131	1310	3	27.5	2620	6	55.0
291	132	1320	3	27.7	2640	6	55.5
293	133	1330	3	27.9	2660	6	55.9
295	134	1340	3	28.2	2680	6	56.3
298	135	1350	3	28.4	2700	6	56.7
300	136	1360	3	28.6	2720	6	57.1
302	137	1370	3	28.8	2740	6	57.6
304	138	1380	3	29.0	2760	6	58.0
306	139	1390	3	29.2	2780	6	58.4
309	140	1400	3	29.4	2800	6	58.8
311	141	1410	3	29.6	2820	6	59.2
313	142	1420	3	29.8	2840	6	59.7
315	143	1430	3	30.0	2860	6	60.1
318	144	1440	3	30.3	2880	6	60.5
320	145	1450	3	30.5	2900	6	60.9
322	146	1460	3	30.7	2920	6	61.3
324	147	1470	3	30.9	2940	6	61.8
326	148	1480	3	31.1	2960	6	62.2

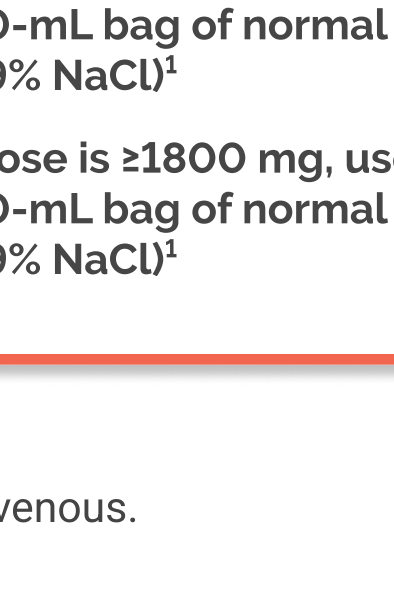
Patients weighing 329 lbs to 401 lbs / 149 kg to 182 kg							
Patient Weight		Infusion 1 (10 mg/kg)			Infusions 2 to 8 (20 mg/kg)		
lb*	kg*	Dose (mg)	Vials required (#)	Volume to withdr-aw (mL) [†]	Dose (mg)	Vials required (#)	Volume to withdr-aw (mL) [†]
329	149	1490	3	31.3	2980	6	62.6
331	150	1500	3	31.5	3000	6	63.0
333	151	1510	4	31.7	3020	7	63.4
335	152	1520	4	31.9	3040	7	63.9
337	153	1530	4	32.1	3060	7	64.3
340	154	1540	4	32.4	3080	7	64.7
342	155	1550	4	32.6	3100	7	65.1
344	156	1560	4	32.8	3120	7	65.5
346	157	1570	4	33.0	3140	7	66.0
348	158	1580	4	33.2	3160	7	66.4
351	159	1590	4	33.4	3180	7	66.8
353	160	1600	4	33.6	3200	7	67.2
355	161	1610	4	33.8	3220	7	67.6
357	162	1620	4	34.0	3240	7	68.1
359	163	1630	4	34.2	3260	7	68.5
362	164	1640	4	34.5	3280	7	68.9
364	165	1650	4	34.7	3300	7	69.3
366	166	1660	4	34.9	3320	7	69.7
368	167	1670	4	35.1	3340	7	70.2
370	168	1680	4	35.3	3360	7	70.6
373	169	1690	4	35.5	3380	7	71.0
375	170	1700	4	35.5	3400	7	71.4
377	171	1710	4	35.7	3420	7	71.8
379	172	1720	4	35.9	3440	7	72.3
381	173	1730	4	36.1	3460	7	72.2
384	174	1740	4	36.3	3480	7	72.7
386	175	1750	4	36.8	3500	7	73.1
388	176	1760	4	37.0	3520	8	73.9
390	177	1770	4	37.2	3540	8	74.4
392	178	1780	4	37.4	3560	8	74.8
395	179	1790	4	37.6	3580	8	75.2
397	180	1800	4	37.8	3600	8	75.6
399	181	1810	4	38.0	3620	8	76.1
401	182	1820	4	38.2	3640	8	76.5

*Rounded to the nearest whole number.

†Rounded to the nearest tenth.

Please see [Dosage and Administration](#)

in the [TEPEZZA Prescribing Information](#)



Saline bag size:

- If dose is <1800 mg, use a **100-mL bag of normal saline (0.9% NaCl)¹**
- If dose is ≥1800 mg, use a **250-mL bag of normal saline (0.9% NaCl)¹**

IV, intravenous.

REFERENCE:

1. TEPEZZA (teprotumumab-trbw) [prescribing information] Amgen.