

# Tris Buffered Saline plus Tween 20 (20x) pH 7.4

**Description:** ScyTek Tris Buffered Saline + Tween 20 (20x Concentrate) pH of 7.4 is an optimal formulation of pH stabilizers, salts and detergents designed to effectively remove excess material from the tissue sample or microtiter plate wells without disrupting the antibody binding reaction. By maintaining the proper buffering environment, unbound components can be washed away without suppressing antigen-antibody binding interactions, thereby reducing nonspecific background and increasing the specific signal. Our Wash buffers do not contain hazardous preservatives such as Azide or Mercury that may interfere with antibody-antigen binding interactions. For your convenience wash buffer is offered in a wide variety of formulations to meet the needs of your specific ELISA application.

**Contents:** Tris buffered saline in reagent grade water. Tween 20 is added at a diluted concentration of 0.05%, Tris: 0.05M, NaCl: 0.15M. Final pH of diluted buffer is 7.4±0.05.

<b>Availability:</b>	<u>REF #</u>	<u>Volume</u>	<u>Diluted Volume</u>
	TBT500	500 ml	10 Liters
	TBT999	1000 ml	20 Liters
	TBT010	10 Liters	200 Liters
	TBT-20000	20 Liters	400 Liters

**Uses/Limitations:** Not to be taken internally.  
 For In-Vitro Diagnostic use.  
 For professional use.  
 Histological applications.  
 Do not use if reagents become cloudy.  
 Do not use past expiration date.  
 Use caution when handling reagents.  
 Non-Sterile.





**Ordering Information and Current Pricing at [www.scytek.com](http://www.scytek.com)**

**Precautions:** Avoid contact with skin and eyes.  
 Harmful if swallowed.  
 Follow all Federal, State, and local regulations regarding disposal.

**Procedure:**

1. Pour 50ml of Tris Buffered Saline plus Tween 20 (20x) pH7.4 in mixing flask and add water to final volume of 1000ml.
2. Stir briefly.

Storage: 18° C  25° C

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**CE**

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## References:

1. Heidari M, Wang D, Delekta P, Sun S. Marek's disease virus immunosuppression alters host cellular responses and immune gene expression in the skin of infected chickens. *Veterinary Immunology and Immunopathology*. 2016 Nov 1;180:21-8.
2. Contreras GA, Thelen K, Ayala-Lopez N, Watts SW. The distribution and adipogenic potential of perivascular adipose tissue adipocyte progenitors is dependent on sexual dimorphism and vessel location. *Physiological reports*. 2016 Oct 1;4(19):e12993.
3. Heidari M, Wang D, Fitzgerald SD, Sun S. Severe necrotic dermatitis in the combs of line 63 chickens infected with Marek's disease virus. *Avian Pathology*. 2016 Sep 2;45(5):582-92.
4. France M, Skorich E, Kadrofske M, Swain GM, Galligan JJ. Sex-related differences in small intestinal transit and serotonin dynamics in high-fat-diet-induced obesity in mice. *Experimental physiology*. 2016 Jan 1;101(1):81-99.
5. Atalay F, Ateşoğlu EB, Yıldız S, Firatlı-Tuglular T, Karakuş S, Bayık M. Relationship of P-selectin glycoprotein ligand-1 to prognosis in patients with multiple myeloma. *Clinical Lymphoma Myeloma and Leukemia*. 2015 Mar 31;15(3):164-70.
6. Heidari M, Fitzgerald SD, Zhang H. Immune Responses in Cecal Tonsils of Marek's Disease Virus-Infected Chickens. *Avian diseases*. 2015 Feb 18;59(2):213-26.
7. Weinkopff T, Mackenzie C, Eversole R, Lammie PJ. Filarial excretory-secretory products induce human monocytes to produce lymphangiogenic mediators. *PLoS Negl Trop Dis*. 2014 Jul 10;8(7):e2893.
8. Heidari M, Fitzgerald SD, Zhang H. Marek's disease virus-induced transient cecal tonsil atrophy. *Avian diseases*. 2014 Jan 24;58(2):262-70.
9. Abdul-Ghafar J, Oh SS, Park SM, Wairagu P, Lee SN, Jeong Y, Eom M, Yong SJ, Jung SH. Expression of adiponectin receptor 1 is indicative of favorable prognosis in non-small cell lung carcinoma. *The Tohoku journal of experimental medicine*. 2013;229(2):153-62.
10. Song S, Kole S, Bernier M. A chemical crosslinking method for the analysis of binding partners of heat shock protein-90 in intact cells. *BioTechniques*. 2012 Apr:1.
11. Zipser B, Bello-DeOcampo D, Diestel S, Tai MH, Schmitz B. Mannitou monoclonal antibody uniquely recognizes paucimannose, a marker for human cancer, stemness, and inflammation. *Journal of Carbohydrate Chemistry*. 2012 May 1;31(4-6):504-18.
12. Terrell SP, Origi FC, Agnew D. Glomerulonephropathy in aged captive Key Largo woodrats (*Neotoma floridana smalli*). *Veterinary pathology*. 2012 Jul;49(4):710-6.
13. Liew M, Groll MC, Thompson JE, Call SL, Moser JE, Hoopes JD, Voelkerding K, Wittwer C, Spendlove RS. Validating a custom multiplex ELISA against individual commercial immunoassays using clinical samples. *Biotechniques*. 2007 Mar 1;42(3):327.
14. Bar-On P, Rockenstein E, Adame A, Ho G, Hashimoto M, Masliah E. Effects of the cholesterol-lowering compound methyl-β-cyclodextrin in models of α-synucleinopathy. *Journal of neurochemistry*. 2006 Aug 1;98(4):1032-45.
15. Leppert PC, Kokenyesi R, Klemenich CA, Fisher J. Further evidence of a decorin-collagen interaction in the disruption of cervical collagen fibers during rat gestation. *American journal of obstetrics and gynecology*. 2000 Apr 30;182(4):805-12.

## Warranty:

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