

Protide Pharmaceuticals, Inc. is devoted to the discovery and development of technologies and products in cell therapy, regenerative medicine, stem cell biology, and cell engineering. Protide has over 35 years of experience in R&D and manufacturing.

## TCH™

Serum replacement used primarily for human cells and the production of cell secreted proteins. TCH™ is also effective in culturing other mammalian cells without the use of animal proteins. Contains only human proteins (i.e., human serum albumin, human transferrin, recombinant insulin), which are heat treated. FOR CELL CULTURE USE. FOR FURTHER MANUFACTURING USE. NOT FOR HUMAN USE. cGMP Manufactured.



Product Highlights	
<ul style="list-style-type: none"> <li>Concentration: 50X</li> </ul>	<ul style="list-style-type: none"> <li>Total Protein: 570ug/ml at 1X Concentrate</li> </ul>
<ul style="list-style-type: none"> <li>Endotoxin: &lt;0.5EU/ml at 1X</li> </ul>	<ul style="list-style-type: none"> <li>Storage: 2-8°C</li> </ul>
<ul style="list-style-type: none"> <li>Protein Origin: Human</li> </ul>	<ul style="list-style-type: none"> <li>Stability: Minimum 6 months at 2-8°C</li> </ul>

\*TCH™ contains only human proteins, (i.e. Human serum albumin and transferrin) which are heat treated. Caution: The venous blood from which this product is manufactured has been tested for the presence of Hepatitis B Surface Antigen (HBsAG), Anti HCV and found to be non-reactive by a currently approved FDA test. The blood has also been tested for the presence of Anti HIV1, Anti HIV2 antibody and found to be negative. However, in accordance with Good Manufacturing and Laboratory Practices, any protein of human blood origin should be handled as if capable of transmitting hepatitis or other infectious agents.

VWR Cat. No.	Supplier Cat. No.	Product Volume	Final Packaging Configuration
<b>TCH™</b>			
<b>76443-264</b>	3001	40ml	Media Bottle
<b>76443-266</b>	3002	100ml	Media Bottle
<b>76443-268</b>	3005	500ml	Media Bottle