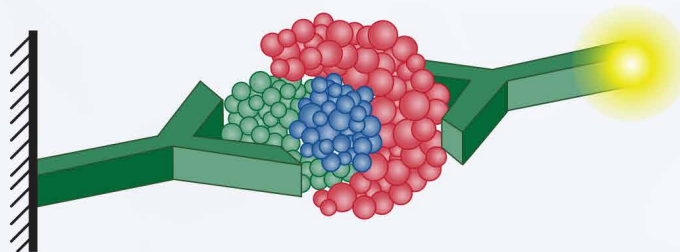


**SCANTIBODIES** Laboratory, Inc.



**Harnessing God's Elegant  
Antibody Creation**



**PRODUCTS AND SERVICES  
CATALOG**

# Your Product, Your Specifications, **Our Expertise!**

Locations: USA, Mexico, China.





Scantibodies Laboratory, Inc. was founded on May 20th, 1976 by Mr. Tom Cantor with the commitment to help end illnesses through manufacturing more precise and accurate medical devices. Today Scantibodies Laboratory has grown to over 800 employees in the United States, Mexico and China while manufacturing more than 1,500 diagnostic biological components for different tests and devices. Let us take the expertise that we have perfected for over 45 years and utilize it in your assay and contract manufacturing needs.

# Scantibodies Laboratory

has been an international leader in the world of medical diagnostics manufacturing for over 45 years.

We are a laboratory and OEM manufacturer that is set up to work with you, whatever your manufacturing needs may be including:

- Labeling.
- Packaging.
- Antibodies.
- Lyophilization.
- Plasma and Serum.
- Blocking Reagents.
- Contract Manufacturing.
- Distribution and Logistics.
- Custom Controls and Calibrators.

Scantibodies is regulated by the FDA, USDA, CBER, COFEPRIS (Mexico), JAPAN PMDA, European Health Agencies (CE Marking and EMA) as well as Health Canada, and other countries currently using our products, including China and Australia. Scantibodies headquarters are in Santee, California with subsidiaries in Ramona and Otay; Tijuana and Tecate, Mexico; and Beijing, China.

Our expertise in immunodiagnostics and manufacturing of medical products allows us to meet your quality standards. With our well trained quality assurance department you can be sure that we will exceed your expectations. This is why our products and services continue to be used by top biotech companies worldwide.



# Active Blockers

## Heterophilic Blocking Reagent (HBR)

Conventional, passive blocking methods use nonspecific substances (mouse IgG, mouse serum, nonspecific monoclonal antibodies, aggregated IgG, etc.) to block the binding of the human heterophilic antibody. All of these approaches rely on the affinity of the human heterophilic antibody, which is typically in the K-value range of 105-106, to affect the blocking.

Scantibodies HBR (Heterophilic Blocking Reagent) accomplishes its binding by a completely different approach. HBR is a specific binder that is directed against the human heterophilic antibody, and the blocking is accomplished by steric hindrance. The HBR blocking is effected by the specific binder which has an affinity in the range of  $K = 10^9$ .

The specific binding action of the HBR, coupled with the thousand times higher affinity in the reaction, results in the following advantages of HBR over conventional blocking methods:

- With HBR, less protein is required for blocking (no decrease in assay signal).
- HBR blocks more false positives than are blocked with conventional methods.
- HBR blocks all anti-species (anti-rabbit, anti-goat, as well as anti-mouse).
- The use of HBR does not have to be avoided in certain tests, as in the case in which an analyte-specific monoclonal antibody is used for blocking.
- HBR blocks all anti-subtypes of mouse monoclonals (example:

anti-mouse IgG1, anti-mouse IgG2, etc.); where as, the use of one monoclonal antibody such as IgG1, will only block human antibodies to that subspecies of monoclonal antibodies.

Scantibodies offers a large selection of HBR formulations to ensure that there is a version that will work for you.

## SCANTIBODIES HBR PRODUCTS FOR ASSAY DEVELOPMENT

### 3KG775 - Assay Development Blocking Kit

This kit has been designed for those products that are currently in assay development. It contains 11 of our different HBR products (including our HBR 20 series) all of which have been carefully selected to be used as an aid in developing a reagent blocking formulation to eliminate false positive or negative interferences, and to ensure that they are useful for both active and passive blocking.

**The Assay Development Blocking Kit includes:**



- HBR 1 (3KC533)
- HBR 3 (3KC576)
- HBR 6 (3KC542)
- HBR plus (3KC545)
- HBR 9 (3KC564)
- HBR 11 (3KC565)
- HBR 21 (3KC002)
- HBR 22 (3KC003)
- HBR 23 (3KC006)
- HBR 24 (3KC007)
- HBR 26 (3KC009)



## SCANTIBODIES HBR PRODUCTS FOR ASSAY MANUFACTURERS

### **HBR 1 (3KC533) Purified, 20 mg/ml**

3KC533 contains specific murine immunoglobulins that block the heterophilic interaction by active binding to the heterophilic antibodies, which are capable of cross-linking the capture and the detection antibodies used in the immunoassay, resulting in false positive readings. The attachment of HBR-1 to the heterophilic antibodies blocks this cross-linking, and eliminates the interference caused by the heterophilic antibodies in the humoral fluids. In addition to its active blocking, this product is also characteristic of its passive blockage of the heterophilic interaction as well. The HBR is a liquid reagent with a protein concentration of  $20 \pm 2$  mg/ml. The immunoglobulins are dissolved in a phosphate buffer with a pH of 7.2-7.6. The immunoglobulins in this product are at a purity of greater than or equal to 95%.

### **HBR 3 (3KC576) Purified**

Each vial contains approximately 4 mg of murine immunoglobulins. This product represents a variation in formulation with similar essential characteristics compared to HBR-1-Purified. The special formulation is designed to enhance its blocking capability at a lower concentration of immunoglobulins.

### **HBR 6 (3KC542) Purified**

3KC542 is specially formulated to enhance its heterophilic blocking ability. The immunoglobulins in this reagent are at a purity of greater than or equal to 95%. It has the concentration 3.0 – 6.0 mg/ml.

### **HBR Plus (3KC545) Purified**

3KC545 was developed as an alternative for HBR-1. This product is compounded with immunoglobulins with different characteristics. Therefore, in addition to its active blocking characteristics, the special formulation and production procedures enhance its efficacy in its passive blocking ability as well. It has a concentration of 10.0 +/- 1.0 mg/ml.

### **HBR 9 (3KC564) Purified**

The HBR-9 is also one of our newly formulated products developed as an alternative for the HBR Plus, 3KC545. It contains murine immunoglobulins with different characteristics. It is specially formulated for application for immunoassays in which both the capture and detection antibodies are of murine origin. Like HBR Plus, this product is characteristic for its active as well as passive blocking efficacy. Each vial of this product contains approximately 20 mg of immunoglobulins, which are at a purity of greater than 90%, as shown by SDS-PAGE.

### **HBR 11 (3KC565) Purified**

3KC565 has been formulated with murine immunoglobulins. In addition to the products listed above, HBR-11 provides our customers with more selection for heterophilic blockage. The immunoglobulins in this product are at a purity of greater than or equal to 90%. It has a concentration of 10.0 +/- 1.0 mg/ml.

### **HBR 21 (3KC002)**

The HBR-21 is also one of our newly formulated products.. In addition to the products listed above, the HBR-21 provides our customers with more selection for heterophilic blockage. Each vial of this product contains approximately 10 mg of immunoglobulins

### **HBR 22 (3KC003)**

The HBR-22 is also one of our newly formulated products. In addition to the products listed above, the HBR-22 provides our customers with more selection for heterophilic blockage. Each vial of this product contains approximately 10 mg of immunoglobulins

### **HBR 23 (3KC006)**

The HBR-23 is also one of our newly formulated products. This product is formulated with murine immunoglobulins. In addition to the products listed above, the HBR-23 provides our customers with more selection for heterophilic blockage. Each vial of this product contains approximately 10 mg of immunoglobulins

### **HBR 24 (3KC007)**

The HBR-24 is also one of our newly formulated products. This product is formulated with murine immunoglobulins. In addition to the products listed above, the HBR-24 provides our customers with more selection for heterophilic blockage. Each vial of this product contains approximately 10 mg of immunoglobulins

### **HBR 26 (3KC009)**

The HBR-26 is also one of our newly formulated products.. In addition to the products listed above, the HBR-26 provides our customers with more selection for heterophilic blockage. Each vial of this product contains approximately 10 mg of immunoglobulins

## **SCANTIBODIES BLOCKING REAGENTS FOR CLINICAL LABS, HOSPITALS ETC.**

### **3IX761 - Nonspecific Antibody Blocking Tube (NABT)**

3IX761 contains immunoglobulins which the non-specific antibodies in the serum or plasma samples bind to, thus causing them to be blocked from interfering in antibody detection immunoassays. The NABT also allows for the rapid and simple elimination of false positive non-specific antibody interference in plasma or serum for detection assays (i.e., anti-HCV, HIV, Toxoplasmosis, Rubella, CMV, Herpes, Tg, Thyroglobulin, TPO Thrombopoietin, etc.). The reagent is in the form of a lyophilized pellet at the bottom of the tube and each tube contains enough reagents to inactivate the non-specific antibodies in 500 µl of sample material.

### **3IX762 - Heterophilic Blocking Tubes (HBT)**

3IX762 contains a unique blocking reagent composed of specific binders which inactivate heterophilic antibodies. Once the specific binders have bound to the heterophilic antibodies, the antibodies are no longer able to cause immunoassay interference. The reagent is in the form of a lyophilized pellet at the bottom of the tube and each tube contains enough reagents to inactivate the heterophilic antibodies in 500 µl of sample material. The HBT also allows for the rapid and simple elimination of false positive heterophilic interference in plasma or serum for immunoassays (i.e., FSH, LH, Prolactin, TSH, Ferritin, CEA, AFP, hCG, HBsAg, CK-MB, CA 125, CA 19-9, NSE, etc.).



# Passive Blockers

## **3BM245 - Mouse IgG, Purified**

This product is affinity-purified from normal mouse serum at a concentration of 10-12 mg/ml. It contains all the normal subclasses of mouse IgG, and is provided at a purity of greater than or equal to 95%. Mouse IgG has known characteristics for passive blocking efficacy which makes it a good choice for a heterophilic blockage at a lower cost. Therefore, it is recommended for heterophilic blockage in immunoassays in which both the capture and detection antibodies are of murine origin.

## **3BM845 - Mouse IgG, Purified, Concentrated**

This is a more concentrated (>20 mg/ml) version of our Mouse IgG.

## **3BG247 - Goat IgG (Immunoglobulin G), Liquid**

It has a concentration of 10-30mg/ml, Buffer: 0.01M PBS, pH 7.4, 0.1% NaN<sub>3</sub>.

## **3BG568 - Goat IgG (Immunoglobulin G), Lyophilized**

It has a concentration of 45-60mg/ml, Buffer: PBS(3mM Potassium Phosphate, 10mM Sodium Phosphate, 115mM Sodium Chloride, pH 7.2)no preservative added.

## **3BM203 - Mouse IgG (Immunoglobulin G), Purified**

It has a concentration of 10-12mg/ml, Buffer: 0.1M Sodium Phosphate buffer, pH 7.4, 0.1% NaN<sub>3</sub>.

## **3BR230 - Rabbit IgG (Immunoglobulin G)**

It has a concentration of 5-15mg/ml, Buffer: 0.01M PBS, pH 7.4, no preservative added.

## **3BS251 - Sheep IgG (Immunoglobulin G)**

It has a concentration of 4.5 -5.5 mg/ml, Buffer 0.01M Phosphate buffer, 0.117M Sodium Chloride, pH 7.2, no preservative added.



# Custom Manufactured Controls

Scantibodies has over 45 years of experience in the manufacturing of custom calibrators and controls.

- Lipids.
- Hormones.
- Tumor Markers.
- Serum Proteins.
- Cardiac Markers.
- Thyroid Markers.
- Therapeutic Drugs.
- Infectious Diseases.
- Pre-Natal Screening.
- Urine Clinical Chemistry.





# Monoclonal and Polyclonal Antibodies

Scantibodies has over 45 years of experience in the manufacturing of monoclonal and polyclonal antibodies, produced in a large AAALAC accredited animal vivarium located in Ramona, CA which houses up to 1200 goats, 1000 rabbits and 500 sheep, as well as an AAALAC accredited mouse vivarium located in Tecate, Mexico. Scantibodies also offers custom monoclonal and polyclonal services.



Product #	Product Description
3AG045	Goat Anti Human IgM, Serum
3AG046	Goat Anti Human IgG (Immunoglobulin G), Serum
3AG166	Reagent, Serum pretreatment, Goat anti human IgG, Adsorbed
3AG357	Goat Anti Human PTH (Parathyroid Hormone), (N-Terminal), Affinity Purified, Grade 2
3AG358	Goat Anti Human PTH (Parathyroid Hormone), (C-Terminal), Affinity Purified, Grade 2
3AG385	Goat anti Mouse IgG, purified grade
3AG388	Goat Anti Mouse IgG (Immunoglobulin G), Affinity Purified, Grade 1
3AG465	Goat Anti Human Calcitonin (1-18), Affinity Purified, Grade 2
3AG466	Goat Anti Human Calcitonin (17-32), Affinity Purified, Grade 2
3AG474	Goat Anti Human IgG, Gamma Chain Specific, Affinity Purified, Grade 2
3AG488	Goat Anti ACTH (24-39), Affinity Purified, Grade 2
3AG493	Goat Anti ACTH (1-16), Affinity Purified, Grade 2
3AG668	Goat Anti Human N-Terminal PTH Antibody
3AG925	Goat Anti Human PTH (N-Terminal), Affinity Purified, Grade 2
3AG936	Goat Anti Troponin I, Purified
3AR129	Rabbit Anti Mouse IgG Fc, Affinity Purified, Grade 2
3MC072	Mab CRP 3E4.1
3MC073	Mab CRP 3G1.1
3MC074	Mab CRP 4B12.1
3MC180	Mab 4H6.1
3MC181	Mab 4C12.1
3MC246	Mouse anti Human IgM
3MC247	Mouse anti Human IgG
3MD020	Monoclonal, Murine Anti HCG, Clone 13B2H3-H6, Purified, (For labeling)
3MD021	Monoclonal, Murine Anti $\beta$ -HCG, Clone 003, Purified
3MD029	Monoclonal, Murine Anti Alpha HCG, Clone 1-04, Purified
3MD040	Monoclonal Anti IgF-1 Ascites, Purified, Clone 39-11 (For coating)
3MD041	Monoclonal Anti IgF-1 Ascites, Purified, Clone 39-12 (For labeling)
3MD153	Monoclonal Murine Anti Human TSH, (Clone 2-08), Ascites, Purified



# Human Plasma/Serum

Whether you are looking for an off the shelf product or material produced to your exact specifications, Scantibodies offers a wide range of Human Serum and Plasma to fit your needs (both Off The Clot True Human Serum, as well as Defibrinated Plasma).

## Plasma/Serum

\*Serum listed below is defibrinated plasma

Product #	Product Description
3PH142	Rubella IgG Negative, Human Plasma
3PH490	HAMA Positive, Human Plasma
3PH498	Heterophilic, Human Plasma
3SH001	Normal Human Serum, Lipid Stripped
3SH002	Normal Human Serum, Non-Lipid Stripped
3SH005	Low Charcoal Stripped, Human Serum Lipid Stripped
3SH007	Medium Charcoal Stripped, Human Serum Lipid Stripped
3SH013	Ferritin Free, Human Serum Lipid Stripped
3SH014	Ferritin Free, Human Serum Non-Lipid Stripped
3SH015	Cortisol Free, Human Serum Lipid Stripped
3SH019	Progesterone Free, Human Serum Lipid Stripped
3SH021	hCG Free, Human Serum Lipid Stripped
3SH022	hCG Free, Human Serum Non-Lipid Stripped
3PH023	ACTH Free, Human Plasma
3SH025	Insulin Free, Human Serum Lipid Stripped
3SH027	Steroid Free, Human Serum, Lipid Stripped
3SH033	CEA Free, Human Serum Lipid Stripped
3SH035	C-Peptide Free, Human Serum Lipid Stripped
3SH037	All Male, Human Serum Lipid Stripped
3SH038	All Male, Human Serum Non-Lipid Stripped
3SH039	All Female, Human Serum Lipid Stripped

Product #	Product Description
3SH040	All Female, Human Serum Non-Lipid Stripped
3SH041	AFP Free, Human Serum Lipid Stripped
3SH043	IgE Free, Human Serum Lipid Stripped
3SH051	LH Free, Human Serum Lipid Stripped
3SH055	FSH Free, Human Serum Lipid Stripped
3SH067	Hepatitis Antibody Negative Control, Human Serum Lipid Stripped
3SH206	Universal Hepatitis Negative Control, Human Serum Lipid Stripped
3SH126	Estriol Free, Human Serum Lipid Stripped
3SH157	Low Charcoal Stripped, Human Serum Non-Lipid Stripped
3SH175	LH, FSH Free, Human Serum Lipid Stripped
3SH183	Hepatitis Antibody Negative Control, Human Serum Non-Lipid Stripped
3SH193	Steroid Free, Human Serum Non-Lipid Stripped
3SH314	ASO (Antistreptolysin-O) Positive, Human Serum Lipid Stripped (1500 IU/ml – 10,000 IU/ml)
3SH337	Heat Inactivated, Human Serum Lipid Stripped
3SH338	Heat Inactivated, Human Serum Non-Lipid Stripped
3SH344	T3/T4 Free, Human Serum Lipid Stripped, Grade 2
3SH345	T3/T4 Free, Human Serum Non-Lipid Stripped, Grade 2
3SH346	T3/T4 Free, Human Serum Lipid Stripped, Grade 3
3SH348	T3/T4 Free, Human Serum Lipid Stripped, Grade 4
3SH349	T3/T4 Free, Human Serum Lipid Stripped, Grade 5
3SH477	Hepatitis Ab Negative, Serum Non-Lipid Stripped, Negative for HBsAg, HBsAb, HBcAb, HAVAb
3SH669	LH, hCG, FSH Free, Human Serum Lipid Stripped
3SH943	Control Base X



# Contract Manufacturing

At Scantibodies our contract manufacturing clients are more than just an account; it is about trust and accountability while taking your prototype to production for market readiness or making your current process more cost effective by using lean manufacturing concepts. These are just a few of the many attributes that have made us a leader in contract manufacturing. Scantibodies has over 45 years of experience serving the Top IVD manufacturers and has a quality management system designed for cGMP compliance to produce FDA, CE, CEDA, JAPAN PMDA regulated class 1,2,3 IVD's and is subject to regular audits and inspections.



The services that we provide include clean rooms, filling, labeling, packaging, sub-assembly, assembly, warehousing, distribution, logistics, kit manufacturing, lyophilization and medical devices manufacturing. Our facilities are ISO 13485:2016 certified, FDA registered, and in compliance with C-TPAT, AAALAC, USMCA, CE Mark, In Vitro Diagnostic Directive, cGMP, GLP and USDA. Scantibodies has maintained an outstanding track record with the FDA for over 45 years of operation.

We enjoy a number of successful and long-lasting collaborative partnerships in the diagnostic community. If you have high-potential technologies or products, and you are seeking a commercial partner, we welcome the opportunity to explore the benefits of partnership.



# SCANTIBODIES

ISO 13485:2016 Certified



## **SANTEE, CA**

**5 Buildings 118,000 ft<sup>2</sup>**

### **Building 1: 20,000 ft<sup>2</sup>**

9336 Abraham Way, Santee, CA 92071

- Restaurant.
- Research & Development.
- Pharmaceutical Biological Pilot Manufacturing in ISO Class 6 Clean Room.



### **Building 2: 20,000 ft<sup>2</sup>**

9336 Abraham Way, Santee, CA 92071

- QC/QA Testing Department.
- Lyophilization Facilities: Hull 220, Hull 36.



### **Building 3: 35,000 ft<sup>2</sup>**

9216 Abraham Way, Santee, CA 92071

- Receiving.
- QA Release.
- Calibrations.
- QA Inspection.
- Walk in Freezer.
- Label Production.
- Walk in Refrigerator.
- Engineering Services.
- ISO Class 7 Clean Room.
- Controls & Calibrators Manufacturing.



#### **Building 4: 23,000 ft<sup>2</sup>**

9343 Wheatlands Road, Santee, CA 92071

- IT/IS.
- Sales.
- Finance.
- Shipping.
- Walk in Freezer.
- Customer Service.
- Walk in Refrigerator.



#### **Building 5: 20,000 ft<sup>2</sup>**

10946 Woodside Avenue North, Santee, CA 92071

- Purchasing.
- Regulatory Affairs.
- Creation Museum.
- Human Resources.
- Document Control.



#### **OTAY**

#### **DISTRIBUTION CENTERS**

**3 buildings 101,000 ft<sup>2</sup>**

#### **Building A: 22,000 ft<sup>2</sup>**

2311 Marconi Ct, San Diego, CA 92154

- Logistics.
- Distribution.
- Temperature Controlled Warehouse.



#### **Building B: 35,000 ft<sup>2</sup>**

1658 Gailes Blvd, San Diego, CA 92154

- Logistics.
- 11 Docks.
- Distribution.
- Temperature Controlled Warehouse.



### **Building C: 44,000 ft<sup>2</sup>**

8005 St Andrews, San Diego, CA 92154

- Ramps
- 4 Docks.
- Logistics.
- Distribution.
- Temperature Controlled Warehouse.



### **RAMONA**

**322,263 ft<sup>2</sup>**

#### **SLI RANCH:**

2365 San Vicente Road, Ramona, CA 92065

- Goats.
- Sheep.
- Rabbits.
- Llamas.\*
- Chickens.
- Production of Polyclonal Antibodies.
- Capacity to work with other type of animals.

\*U.S. shipping only.



### **TECATE, MÉXICO**

**471,462 ft<sup>2</sup>**

#### **Building A: 196,462 ft<sup>2</sup>**

Calle Los Viñedos 4100, Parque Industrial El Bajio, Tecate, B.C. Mexico

- Restaurant.
- Call center.
- Packaging lines.
- Formulations lab.
- 2000 seat auditorium.
- Daycare and Pre-school.
- ISO Class 6, 7 and 8 clean rooms.
- Lyophilization facilities:  
Hull 733 (Two units), Edwards 236, Hull 220,  
LyoMax 200 (Two Units), Stokes 120, Virtis 96,  
Stokes 72.
- Mouse vivarium with 250,000 pathogen free clean room mice.
- Temperature controlled manufacturing environments.





### Imaging Center:

- CT.
- MRI.
- PET.
- X-ray.
- Ultrasound.



### Therapy Center:

#### Therapeutic Support for Chronic Illnesses.

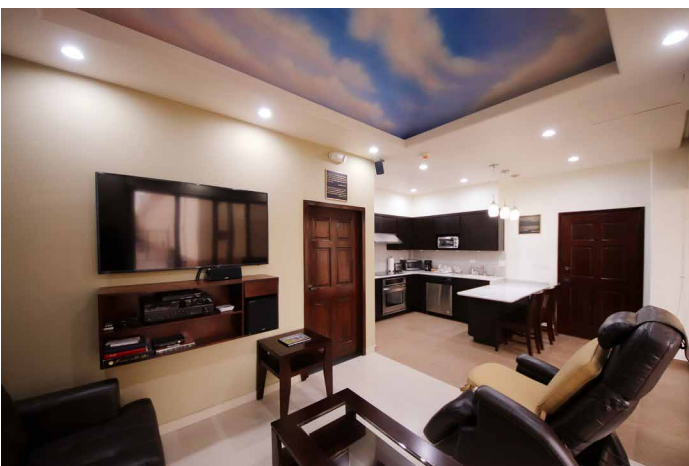
- Acne.
- Psoriasis.
- Diabetes.
- Fibromyalgia.
- Hypertension.
- Bronchial asthma.
- Pain management.
- Rheumatoid arthritis.
- Infectious or allergic sinusitis.
- Among others.



### Casa de Paz:

#### Small, Mid-size and Large accommodations:

- Full kitchen.
- Dining room.
- Private balcony.
- Small patio area.
- Comfortable space.
- Bathroom, jacuzzi, and shower.
- Complete home theater entertainment.
- Large california queen bed, closet, sofa bed, and a table for two.
- Bedroom with a california king bed, two closets, a desk, sofa bed, and television.





**Building B: 275,000 ft<sup>2</sup>**  
 Calzada del Bajío #5000-A,  
 Parque Industrial El Bajío,  
 Tecate, B.C. México

- Warehouse.
- Logistics Services.
- Maintenance Facilities.
- Contract Manufacturing.



**BEIJING, CHINA**  
 Room 203, Building 6 of Federal International  
 Business Center, No.5 on Disheng Middle Road,  
 Beijing Economic and Technological Development  
 Area, Beijing 100176 China

- Sales.
- Logistics.
- Shipping.
- Distribution.
- Warehousing.
- Product Importation.



**TIJUANA, MÉXICO**  
**1,700,000 ft<sup>2</sup>**

**Esperanza Building: 200,000 ft<sup>2</sup>**  
 Calle Maquiladora #36  
 Ciudad Industrial C.P. 22444  
 Tijuana, B.C.

- 160,000 ft<sup>2</sup> of Manufacturing Capabilities.
- 40,000 ft<sup>2</sup> of Temperature Controlled Storage.
- Capable of scaling operation upon request.



**New Campus Site "Alegría": 1,500,000 ft<sup>2</sup>**

Camino Vecinal #6351

Valle Redondo C.P. 22335

Tijuana, B.C.

- Multipurpose campus for:  
Manufacturing, labeling, packaging and logistics.





Over 1,000,000 ft<sup>2</sup> of facilities in  
Tecate and Tijuana



Your Product,  
Your Specifications,  
Our Expertise!





**Scantibodies Laboratory, Inc.**  
9336 Abraham Way, Santee, CA 92071, USA  
Tel: 1-619-258-9300  
[scantibodies.com](http://scantibodies.com)

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