

Malaria is a parasitic infection transmitted by the bite of a certain type of mosquito. In extremely rare cases people can get malaria from coming in contact with infected blood. This disease affects millions of people each year and can be found in over 90 countries worldwide. Though travelers to areas where malaria is present often take medicines before, during and after their trip, these medicines do not always work. In addition, it is important to note that a person can be infected and still remain symptom free. Currently, donated blood is not tested for malaria. Thus, it is very important that we question all donors as to **WHERE and WHEN** they traveled. Travelers to “at risk” areas are required to refrain from donating blood for specified periods in order to minimize the risk of transmitting malaria through a blood transfusion.

When questioning the donor about malarial travel, **the following information is required:**

1. The name of the country
2. **ALL** specific areas (region and/or city) visited, if less than 3 months from departure
3. The amount of time spent in the malaria endemic country
4. The date the donor left the malaria endemic country

NOTE: If the name of the city or region in a specific country is not listed or is unclear after review of the criteria, have the In-Charge Person / Designee consult the Collections manager or Special Donor Services (SDS) for clarification. If unable to obtain clarification, defer the donor for the length of time required for malarial travel. Explain to the donor that he/she is deferred. Give him/her the reason for deferral with instructions to call SDS the next business day. SDS can help determine the donor’s eligibility status and remove any deferral as appropriate.

COUNTRY	MALARIA RISK	NOTE
Afghanistan	Yes	All areas at risk.
Albania	No	
Algeria	No	
Samoa, American (U.S.)	No	
Andorra	No	
Angola	Yes	All areas at risk.
Anguilla (U.K.)	No	
Antarctica	No	
Antigua and Barbuda	No	
Argentina	No	
Armenia	No	
Aruba	No	
Austral Islands (Tubuai, Rurutu)	No	
Australia, including Cocos (Keeling) Islands	No	
Austria	No	
Azerbaijan	No	
Azores (Portugal)	No	
Bahamas	No	
Bahrain	No	
Bangladesh	Yes	Risk in all areas except no risk in city of Dhaka
Barbados	No	

COUNTRY	MALARIA RISK	NOTE
Belarus	No	
Belgium	No	
Belize	No	
Benin	Yes	All areas at risk.
Bermuda (U.K.)	No	
Bhutan	No	
Bolivia	Yes	Risk in all areas except no risk in the city of La Paz.
Bonaire	No	
Bora Bora (Society Islands)	No	
Bosnia/Herzegovina	No	
Botswana	Yes	Risk in the following districts: Botete, Chobe (including Chobe National Park), Ngami, Okavango, Tuteme, Bobirwa, Northeast (including Francistown), Ghanzi, Mahalapaye, and Serowe Palapye. None in the city of Gabarone.
Brazil	Yes	Risk in States of Acre, Amapá, Amazonas, Rondonia, Roraima, Maranhão, Mato Grosso, and Para. No transmission at Iguazu Falls.
British Indian Ocean Territory (includes Diego Garcia) UK	No	
Brunei	No	
Bulgaria	No	
Burkina Faso	Yes	All areas at risk.
Burma (Myanmar)	Yes	Risk in all areas
Burundi	Yes	All areas at risk.
Cambodia	Yes	Risk throughout the country including Siem Reap city. No risk at the temple complex at Angkor Wat. None in the city of Phnom Penh
Cameroon	Yes	All areas at risk.
Canada	No	
Canary Islands (Spain)	No	
Cape Verde Islands	No	
Cayman Islands (U.K.)	No	
Central African Republic	Yes	All areas at risk.
Chad	Yes	All areas at risk.
Chile	No	
China	No	
Christmas Island (Australia)	No	
Cocos (Keeling) Islands (Australia)	No	

COUNTRY	MALARIA RISK	NOTE
Colombia	Yes	All areas at risk except none in Bogotá, Cartagena and Medellin.
Comoros	Yes	All areas at risk.
Congo (Republic of; Congo-Brazzaville)	Yes	All areas at risk.
Congo (Democratic Republic of; Congo-Kinshasa)	Yes	All areas at risk.
Cook Island (New Zealand)	No	
Costa Rica	Yes	Risk in the Distritos of Cutris and Pocosol in San Carlos Canton of Alajuela Province.
Côte d'Ivoire (Ivory Coast)	Yes	All areas at risk.
Croatia	No	
Cuba	No	
Curacao	No	
Cyprus	No	
Czech Republic	No	
Denmark	No	
Djibouti	Yes	All areas at risk.
Dominica	No	
Dominican Republic	Yes	Risk in the provinces by the border with Haiti and the provinces (including resort areas) of Santo Domingo and La Altagracia. No risk in the city of Santo Domingo (Distrito Nacional) and other provinces.
Dubai (UAE)		See United Arab Emirates
East Timor (Timor-Leste)		See Timor-Leste
Easter Island (Chile)	No	
Ecuador	Yes	All areas at risk except no risk in Guayaquil, Quito and the Galapagos Islands.
Egypt	No	
El Salvador	No	
Equatorial Guinea	Yes	All areas at risk.
Eritrea	Yes	All areas at risk except no risk in Asmara.
Estonia	No	
Ethiopia	Yes	All areas at risk except no risk in in Addis Ababa.
Falkland Islands (U.K.)	No	
Faroe Islands (Denmark)	No	
Fiji	No	
Finland	No	
France	No	

COUNTRY	MALARIA RISK	NOTE
French Guiana	Yes	All areas including Matoury, Macouria, and Kourou, except none in coastal areas west of Kourou and Cayenne city.
French Polynesia (includes Austral, Marquesas and Society Islands)	No	
Gabon	Yes	All areas at risk.
Gambia	Yes	All areas at risk.
Gaza		See Palestinian Territories
Georgia	No	
Germany	No	
Ghana	Yes	All areas at risk.
Gibraltar (U.K.)	No	
Gilbert Islands (see Kiribati)		
Greece	No	
Greenland (Denmark)	No	
Grenada	No	
Guadeloupe (France)	No	
Guam (U.S.)	No	
Guatemala	Yes	Risk in rural areas. No risk in Guatemala City, Antigua or Lake Atitlan.
Guinea	Yes	All areas at risk.
Guinea-Bissau	Yes	All areas at risk.
Guyana	Yes	Risk in all areas except cities of Amsterdam and Georgetown
Haiti	Yes	All areas at risk.
Honduras	Yes	Risk throughout the country and in Roatán and other Bay Islands. No risk in San Pedro, Sula and Tegucigalpa.
Hong Kong (China)	No	
Hungary	No	
Iceland	No	
India	Yes	Risk in all areas
Indonesia	Yes	- Risk in rural areas of Sumatra, Sulawesi, Kalimantan (Borneo) and Nusa Tenggara Barat (including island of Lombok). - Risk in all areas of eastern Indonesia (provinces of Maluku, Maluku Utara, Nusa Tenggara Timur, Papua and Papua Barat) including town of Labuan Bajo and Komodo Islands in the Nusa Tenggara region. - Risk in rural areas of Java, including Ujung Kulong, Sukalumi and Pangadaran. - No risk in cities of Jakarta, Ubud or resort areas of Bali and Java, Gili Islands and the Thousand Islands (Pulau Seribu).
Iran	Yes	Risk in rural areas of Fars Province, Sistan-Baluchestan Province and the southern tropical part of Kerman and Hormozgan province.
Iraq	No	
Ireland	No	
Israel	No	

COUNTRY	MALARIA RISK	NOTE
Italy including Holy See (Vatican City)	No	
Ivory Coast		See Côte d'Ivoire
Jamaica	No	
Japan	No	
Jordan	No	
Kazakhstan	No	
Kenya	Yes	Risk in all areas (including game parks) including the city of Nairobi.
Kiribati (formerly Gilbert Islands), includes Tarawa, Tabuaeran (Fanning Island), and Banaba (Ocean Island)	No	
Korea, Democratic People's Republic of (North)	Yes	Risk in southern provinces.
Korea, Republic of (South)	Yes	Rural areas in the northern parts of Incheon, Kyonggi-do and Kangwon-do provinces including the demilitarized zone (DMZ).
Kosovo	No	
Kuwait	No	
Kyrgyzstan	No	
Laos (People's Democratic Republic)	Yes	Risk in all areas except no risk in city of Vientiane.
Latvia	No	
Lebanon	No	
Lesotho	No	
Liberia	Yes	Risk in all areas.
Libya	No	
Liechtenstein	No	
Lithuania	No	
Luxembourg	No	
Macao SAR (China)	No	
Macedonia	No	
Madagascar	Yes	Risk in all areas except in Antananarivo.
Madeira Islands (Portugal)	No	
Malawi	Yes	Risk in all areas.
Malaysia	Yes	Risk in rural areas. None in Georgetown, Kuala Lumpur, and Penang State (includes Penang Island).
Maldives	No	
Mali	Yes	Risk in all areas.
Malta	No	
Marshall Islands	No	
Martinique (France)	No	
Mauritania	Yes	All areas except Dakhlet-Nouadhibou and Tiris-Zemour in the north.

COUNTRY	MALARIA RISK	NOTE
Mauritius	No	
Marquesas (Hiva Oa, Ua Huka)	No	
Mayotte (French territorial collectivity)	No	
Mexico	Yes	Risk limited to: Present in the states of Chiapas and Chihuahua. (see map page 10). No malaria risk exists along the United States-Mexico border. The following frequently visited areas are not considered at risk for malaria transmission: Aguascalientes, Acapulco, Baha Peninsula, Cabo San Lucas, Cancun, Chichen Itza, Ciudad Juarez, Caudal Obregón, Costa Maya, Cozumel, Cuernavaca, Ensenada, Guadalajara, Guaymas, Hermosillo, Isla Mujeres, Ixtapa, La Paz (Baja), Matamoros (border town), Merida, Mexicali, Mexico City, Monterrey, Morelia, Nogales (US border), Nuevo Laredo, Piedras Negras (border town), Playa del Carmen, Progreso, Puebla, Puerto Vallarta, Queretaro, Reynosa, Riviera Maya, Saltillo, San Felipe (Baja), San Luis Potosi, Santa Ana, Tampico, Tijuana, Torreón, Toluca, Tulum (city and ruins), Veracruz, Xcaret and Zihuatenejo.
Micronesia, Federated States of (includes Yap Islands, Pohnpei, Chuuk and Kosrae)	No	
Midway Island	No	
Moldova	No	
Monaco	No	
Mongolia	No	
Montenegro	No	
Montserrat (U.K.)	No	
Moorea (Society Islands)	No	
Morocco	No	
Mozambique	Yes	Risk in all areas.
Namibia	Yes	Present in the provinces of Kavango (East and West), Kunene, Ohangwena, Omusati, Oshana, Oshikoto, Otjozunjupa, and Zambezi. No malaria in city of Windhoek
Nauru	No	
Nepal	Yes	Risk throughout country except no risk in Katmandu or typical Himalayan treks.
Netherlands	No	
Netherlands Antilles	No	
New Caledonia and Dependencies (France)	No	
New Zealand	No	
Nicaragua	Yes	Risk in Región Autónoma Atlántico Norte (RAAN) and Región Autónoma Atlántico Sur (RAAS). No risk in the city of Managua
Niger	Yes	Risk in all areas.
Nigeria	Yes	Risk in all areas.
Niue (New Zealand)	No	

COUNTRY	MALARIA RISK	NOTE
Norfolk Island (Australia)	No	
Northern Ireland (U.K.)	No	
Northern Mariana Islands (U.S; includes Saipan, Tinian and Rota Island)	No	
Norway	No	
Oman	No	
Pakistan	Yes	Risk in all areas.
Palau	No	
Palestinian Territories (including West Bank and Gaza)	No	
Panama	Yes	Present in the provinces of Darien, Guna (Kuna) Yala, Ngabe Bugle, and Panama Este. None in western Panama Province, the Canal Zone, and Panama City.
Papua New Guinea	Yes	Risk in all areas.
Paraguay	No	
Peru	Yes	Risk in all departments, including cities of Puerto Maldonado, Iquitos and the remote eastern regions of La Libertad and Lambayeque. None in the following areas: Lima province; the cities of Arequipa, Ica, Moquegua, Nazca, Puno, and Tacna; the highland tourist areas (Cuzco, Machu Picchu, and Lake Titicaca); and along the Pacific Coast.
Philippines	Yes	Risk in Palawan and Mindanao Islands. No risk in metropolitan Manila and other urban areas.
Pitcairn (U.K.)	No	
Poland	No	
Portugal	No	
Puerto Rico (U.S.)	No	
Qatar	No	
Reunion (France)	No	
Romania	No	
Russia	No	
Rwanda	Yes	Risk in all areas.
St. Barts (Guadeloupe)	No	
Saba (Neth)	No	
Saint Christopher (Saint Kitts) and Nevis (U.K.)	No	
Saint Eustasius	No	
Saint Helena (U.K.)	No	
Saint Lucia	No	
Saint Martin (Guadalupe)	No	
Sint Maarten (Neth)	No	
Saint Pierre & Miquelon (France)	No	

COUNTRY	MALARIA RISK	NOTE
Saint Vincent and the Grenadines	No	
Samoa (formerly Western Samoa)	No	
San Marino	No	
Sao Tome & Principe	Yes	Risk in all areas.
Saudi Arabia	Yes	Risk in Asir and Jazan emirates by border with Yemen. None in the cities of Jeddah, Mecca, Medina, Riyadh and Ta'if.
Scotland	No	
Senegal	Yes	Risk in all areas.
Serbia	No	
Seychelles	No	
Sierra Leone	Yes	Risk in all areas.
Singapore	No	
Slovakia	No	
Slovenia	No	
Society Islands (Tahiti, Moorea, Bora-Bora)	No	
Solomon Islands	Yes	Risk in all areas
Somalia	Yes	Risk in all areas.
South Africa	Yes	Present along the border with Zimbabwe and Mozambique, specifically in Mopani, Vhembe and Waterberg district municipalities of Limpopo Province; Ehlanzeni district municipality in Mpumalanga Province and Umknanyakude in Kwazulu-Natal Province. Present in Kruger National Park.
South Georgia Island (UK)	No	
South Sandwich Islands (UK)	No	
South Sudan (Republic of)	Yes	Risk in all areas
Spain	No	
Sri Lanka	No	
Sudan	Yes	Risk in all areas.
Suriname	Yes	Risk in province of Sipaliwini Province. No risk in Paramaribo.
Swaziland	Yes	Risk in eastern areas bordering Mozambique and South Africa including all of Lubombo district and the eastern half of Hhohho, Manzini and Shiselweni districts.
Sweden	No	
Switzerland	No	
Syria	No	
Tahiti (Society Islands)	No	
Taiwan	No	
Tajikistan	No	
Tanzania, United Rep.	Yes	Risk in all areas.

COUNTRY	MALARIA RISK	NOTE
Thailand	Yes	Primarily in provinces that border Burma (Myanmar), Cambodia, and Laos, and the provinces of Kalasin, Krabi (Plai Phraya District), Nakhon Si Thammarat, Narathiwat, Pattani, Phang Nga (including Phang Nga City), Rayong, Sakon Nakhon, Songkhla, Surat Thani, and Yala, especially the rural forest and forest fringe areas of these provinces. No risk in the cities of Bangkok, Chiang Mai, Chiang Rai, Koh Phangan, Ko Samui and Phuket or in the islands of Krabi Province (Koh Phi Phi, Koh Yao Noi, Koh Yao Yai, Ko Lanta and Pattaya City).
Timor-Leste (East Timor)	Yes	Risk in Oecusse District. No risk in other districts
Togo	Yes	Risk in all areas.
Tokelau (New Zealand)	No	
Tonga	No	
Trinidad and Tobago	No	
Tunisia	No	
Turkey	No	
Turkmenistan	No	
Turks and Caicos	No	
Tuvalu	No	
Uganda	Yes	Risk in all areas.
Ukraine	No	
United Arab Emirates (Abu Dhabi, Dubai, Sharjah, Ajman, Umm al-Qaiwain, Ras al-Khaimah and Fujairah)	No	
United Kingdom (with Channel Islands and the Isle of Man)	No	
United States	No	
Upper Volta (see Burkina Faso)		
Uruguay	No	
Uzbekistan	No	
Vanuatu	Yes	Risk in all areas.
Venezuela	Yes	Risk in all areas. Present in Angel Falls.
Viet Nam	Yes	Rural areas only. None in Da Nang, Haiphong, Hanoi, Ho Chi Minh City (Saigon), Nha Trang, Qui Nhon, and the Mekong and Red River Deltas.
Virgin Islands, British (Anegada, Josh Van Dyke, Tortola, Virgin Gorda)	No	
Virgin Islands, U.S. (St. Croix, St. John, St. Thomas)	No	
Wake Island (U.S.)	No	
Wallis and Futuna	No	
West Bank		See Palestinian Territories

COUNTRY	MALARIA RISK	NOTE
Western Sahara	No	
Yemen	Yes	Risk in all areas except in Sana'a.
Zambia	Yes	Risk in all areas.
Zimbabwe	Yes	Risk in all areas.



MAP 2-1 8. Malaria in Mexico