# Donor Histocompatibility

Donor Histocompatibility (DHS) records are generated as soon as the Donor Organ Disposition process is completed in DonorNet®, or for a living donor, after Living Donor Feedback is completed in Tiedi® and at least one organ disposition is **Recovered not for Tx, Recovered for Tx but not Tx, or Transplanted**. The DHS record is to be completed by the histocompatibility laboratory responsible for performing tissue typing for deceased and living donors. This record is not required for imported organs.

The DHS record must be completed within 60 days from the record generation date. See [OPTN Policies](https://optn.transplant.hrsa.gov/media/1200/optn_policies.pdf) for additional information.  Use the search feature to locate specific policy information on Data Submission Requirements.

To correct information that is already displayed in an electronic record, call UNetSM Help Desk at 1-800-978-4334.

Additional Resources: See [History of Definition Changes](https://portal.unos.org/help/Tiedi_Help/History_of_Definition_Changes.htm?CTXT=jqJDfgjgZ0OA4P9Zwqii0f5f0diL6Aevoaum7img3K7fWkci34apIg%3D%3D).

**Provider Information**

**Lab:** The lab, from Donor Organ Disposition in DonorNet®, displays.

**OPO:** The OPO, from Donor Feedback, displays.

**Donor Information**

**Donor Last Name:** The donor’s last name.

**Donor First Name:** The donor's first name.

**Donor Middle Initial:** The donor’s middle initial.

**UNOS Donor ID #:** The donor's identification number, from Donor Feedback, displays.

**Donor Type:** The donor type, from Donor Feedback, displays.

**Deceased** indicates the donor was not living at the time of donation. **Living** indicates the donor was living at the time of donation.

**Donor Center Histocompatibility Typing**

**Donor HLA Typed:** If HLA typing was performed on this donor, select **Yes**. If HLA typing was not performed, select **No**. If it is unknown if the donor was typed, select **UNK**. This field is **required**.

If **Yes** is selected, complete the following section. These fields are **required**.

**Date Typing Complete Class I:** Enter the date that the donor was tissue-typed by the histocompatibility laboratory for Class I antigens. Use the standard 8-digit numeric format of MM/DD/YYYY.

**Target Source for Class I:** Select, as appropriate, the source(s).

**Peripheral Blood
Lymph Nodes
Spleen
Buccal Swab or Other**

**Typing Method Class I:** Select, as appropriate, the typing method.

**Serology
DNA**

Select the antigens from the drop-down lists. If the second antigen at a locus is blank, select **No second antigen detected**. If the donor was not tested for a particular antigen, select **Not** **tested**.

***Note:*** If the split of an antigen is known, enter the split rather than the parent.

**A Locus Codes:** 1, 01:01, 01:02, 2, 02:01, 02:02, 02:03, 02:05, 02:06, 02:07, 02:10, 02:18, 3, 03:01, 03:02, 9, 10, 11, 11:01, 11:02, 19, 23, 24, 24:02, 24:03, 25, 26, 26:01, 26:02, 26:03, 28, 29, 29:01, 29:02, 30, 30:01, 30:02, 31, 32, 32:04, 33, 33:01, 33:03, 34, 34:01, 34:02, 36, 43, 66, 66:01, 66:02, 68, 68:01, 68:02, 69, 74, 80, No second antigen detected, Not Tested

**B Locus Codes:** 5, 7, 07:02, 07:03, 07:14, 8, 08:01, 08:02, 08:03, 08:04, 12, 13, 13:01, 13:02, 14, 14:01, 14:02, 15, 15:01, 15:02, 15:03, 15:04, 15:06, 15:07, 15:10, 15:11, 15:12, 15:13, 15:16, 15:17, 15:18, 15:20, 15:21, 15:24, 15:27, 16, 17, 18, 21, 22, 27, 27:03, 27:04, 27:05, 27:06, 27:08, 35, 35:01, 35:02, 35:03, 35:08, 35:12, 37, 38, 38:01, 38:02, 39, 39:01, 39:02, 39:04, 39:05, 39:06, 39:13, 40, 40:01, 40:02, 40:03, 40:04, 40:05, 40:06, 41, 41:01, 41:02, 42, 42:01, 42:02, 44, 44:02, 44:03, 45, 46, 47, 48, 48:01, 48:02, 49, 50, 50:01, 50:02, 51, 51:01, 51:02, 52, 53, 54, 55, 55:01, 55:02, 55:04, 56, 56:01, 56:03, 57, 57:01, 57:03, 58, 59, 60, 61, 62, 63, 64, 65, 67, 70, 71, 72, 73, 75, 76, 77, 78, 81, 82, No second antigen detected, Not Tested

**Bw4 HLA Codes:** Positive, Negative, Not Tested

**Bw6 HLA Codes:** Positive, Negative, Not Tested

**C HLA Codes:** 01, 01:02, 01:03, 02, 02:02, 02:10, 03, 03:02, 03:03, 03:04, 03:06, 04, 04:01, 04:03, 05, 06, 07, 07:01, 07:02, 07:04, 08, 08:01, 08:02, 08:03, 08:04, 09, 10, 12, 12:02, 12:03, 14, 14:02, 14:03, 15, 15:02, 15:05, 16, 16:01, 16:02, 17, 17:01, 17:03, 18, 18:01, 18:02, No second antigen detected, Not tested

**Date Typing Complete Class II:** Enter the date that the donor was tissue typed by the histocompatibility laboratory for Class II antigens. Use the standard 8-digit numeric format of MM/DD/YYYY.

**Target Source for Class II:** Select, as appropriate, the source(s). ([List of Target Source codes](https://portal.unos.org/help/secure_enterprise/redirect_secure_filelayout.html?name=lkup_tgt_cell_src_multi&CTXT=jqJDfgjgZ0OA4P9Zwqii0f5f0diL6Aevoaum7img3K7fWkci34apIg%3D%3D))

**Peripheral Blood
Lymph Nodes
Spleen
Buccal Swab or Other**

**Typing Method Class II:** Select, as appropriate, the typing method. ([List of Typing Method codes](https://portal.unos.org/help/secure_enterprise/redirect_secure_filelayout.html?name=lkup_hla_ty_meth_multi&CTXT=jqJDfgjgZ0OA4P9Zwqii0f5f0diL6Aevoaum7img3K7fWkci34apIg%3D%3D))

**Serology
DNA**

Select the antigens from the drop-down lists. If the second antigen at a locus is blank, select **No second antigen detected**. If the donor was not tested for a particular antigen, select **Not** **tested**.

***Note:*** If the split of an antigen is known, enter the split rather than the parent.

**DR Locus Codes:** 1, 01:01, 01:02, 01:03, 2, 3, 03:01, 03:02, 03:03, 4, 04:01, 04:02, 04:03, 04:04, 04:05, 04:06, 04:07, 04:10, 04:11, 5, 6, 7, 8, 08:01, 08:02, 08:03, 08:07, 9, 09:01, 09:02, 10, 11, 11:01, 11:03, 11:04, 12, 12:01, 12:02, 13, 13:01, 13:02, 13:03, 13:05, 14, 14:01, 14:02, 14:03, 14:04, 14:05, 14:06, 14:54, 15, 15:01, 15:02, 15:03, 16, 16:01, 16:02, 17, 18, No second antigen detected, Not tested

**DR51 HLA Code:** 51, 5\*01, 5\*01:01, 5\*01:02, 5\*02, 5\*02:02, N-Negative, NT-Not Tested

**DR52 HLA Code:** 52, 3\*01, 3\*01:01, 3\*02, 3\*02:01, 3\*02:02, 3\*03, 3\*03:01, N-Negative, NT-Not Tested

**DR53 HLA Code:** 53, 4\*01, 4\*01:01, 4\*01:03, N-Negative, NT-Not Tested

**DQB1 HLA Codes:** 1, 2, 02:01, 02:02, 3, 03:01, 03:02, 03:03, 03:19, 4, 04:01, 04:02, 5, 05:01, 05:02, 05:03, 6, 06:01, 06:02, 06:03, 06:04, 06:09, 7, 8, 9 No second antigen detected, Not Tested

**DQA1 HLA Codes:** 01, 01:01, 01:02, 01:03, 01:04, 01:05, 01:06, 01:07, 01:08, 01:09, 01:10, 01:11, 01:12, 02, 02:01, 03, 03:01, 03:02, 03:03, 04, 04:01, 04:02, 04:04, 05, 05:01, 05:02, 05:03, 05:04, 05:05, 05:06, 05:07, 05:08, 05:09, 05:10, 05:11, 06, 06:01, 06:02, No second antigen detected, Not Tested

**DPB1 HLA Codes:** 01:01, 02:01, 02:02, 03:01, 04:01, 04:02, 05:01, 06:01, 08:01, 09:01, 10:01, 11:01, 13:01, 14:01, 15:01, 16:01, 17:01, 18:01, 19:01, 20:01, 21:01, 22:01, 23:01, 24:01, 25:01, 26:01, 27:01, 28:01, 29:01, 30:01, 31:01, 32:01, 33:01, 34:01, 35:01, 36:01, 37:01, 38:01, 39:01, 40:01, 41:01, 44:01, 45:01, 46:01, 47:01, 48:01, 49:01, 50:01, 51:01, 52:01, 53:01, 54:01, 55:01, 56:01, 57:01, 58:01, 59:01, 60:01, 62:01, 63:01, 65:01, 66:01, 67:01, 68:01, 69:01, 70:01, 71:01, 72:01, 73:01, 74:01, 75:01, 76:01, 77:01, 78:01, 79:01, 80:01, 81:01, 82:01, 83:01, 84:01, 85:01, 86:01, 87:01, 88:01, 89:01, 90:01, 91:01, 92:01, 93:01, 94:01, 95:01, 96:01, 97:01, 98:01, 99:01, 100:01, 101:01, 102:01, 103:01, 104:01, 105:01, 106:01, 107:01, 108:01, 109:01, 110:01, 111:01, 112:01, 113:01, 114:01, 115:01, 116:01, 117:01, 118:01, 119:01, 121:01, 122:01, 123:01, 124:01, 125:01, 126:01, 127:01, 128:01, 129:01, 130:01, 131:01, 132:01, 133:01, 134:01, 135:01, 136:01, 137:01, 138:01, 139:01, 140:01, 141:01, 142:01, 143:01, 144:01, 145:01, 146:01, 147:01, 148:01, 149:01, 150:01, 151:01, 152:01, 153:01, 155:01, 156:01, 157:01, 158:01, 160:01, 162:01, 163:01, 164:01, 165:01, 166:01, 167:01, 168:01, 169:01, 170:01, 171:01, 172:01, 173:01, 174:01, 175:01, 176:01, 177:01, 178:01, 179:01, 180:01, 181:01, 182:01, 183:01, 184:01, 185:01, 186:01, 187:01, 188:01, 189:01, 190:01, 191:01, 192:01, 193:01, 194:01, 195:01, 196:01, 197:01, 198:01, 199:01, 200:01, 201:01, 202:01, 203:01, 204:01, 205:01, 206:01, 207:01, 208:01, 209:01, 210:01, 211:01, 212:01, 213:01, 214:01, 215:01, 217:01, 219:01, 220:01, 221:01, 222:01, 223:01, 224:01, 225:01, 226:01, 227:01, 228:01, 229:01, 230:01, 231:01, 232:01, 233:01, 234:01, 235:01, 236:01, 237:01, 238:01, 239:01, 240:01, 241:01, 242:01, 243:01, 244:01, 245:01, 246:01, 247:01, 248:01, 249:01, 250:01, 251:01, 252:01, 253:01, 254:01, 255:01, 256:01, 257:01, 258:01, 259:01, 260:01, 261:01, 262:01, 263:01, 264:01, 265:01, 266:01, 267:01, 268:01, 269:01, 270:01, 271:01, 272:01, 273:01, 274:01, 275:01, 276:01, 277:01, 278:01, 279:01, 280:01, 281:01, 282:01, 283:01, 284:01, 285:01, 286:01, 287:01, 288:01, 289:01, 290:01, 291:01, 292:01, 293:01, 294:01, 295:01, 296:01, 297:01, 298:01, 299:01, 300:01, 301:01, 302:01, 303:01, 304:01, 305:01, 306:01, 307:01, 308:01, 309:01, 310:01, 311:01, 312:01, 313:01, 314:01, 315:01, 316:01, 317:01, 318:01, 319:01, 320:01, 321:01, 322:01, 323:01, 324:01, 325:01, 326:01, 327:01, 329:01, 330:01, 331:01, 332:01, 333:01, 334:01, 335:01, 336:01, 337:01, 338:01, 339:01, 340:01, 341:01, 342:01, 343:01, 344:01, 345:01, 346:01, 347:01, 348:01, 349:01, 350:01, 351:01, 352:01, 353:01, 354:01, 355:01, 356:01, 358:01, 359:01, 360:01, 361:01, 362:01, 363:01, 364:01, 365:01, 366:01, 367:01, 368:01, 369:01, 370:01, 371:01, 372:01, 373:01, 374:01, 375:01, 376:01, 377:01, 378:01, 379:01, 380:01, 381:01, 383:01, 384:01, 385:01, 386:01, 387:01, 388:01, 389:01, 390:01, 391:01, 392:01, 393:01, 394:01, 395:01, 396:01, 397:01, 398:01, 399:01, 400:01, 402:01, 404:01, 405:01, 406:01, 407:01, 408:01, 409:01, 410:01, 411:01, 412:01, 413:01, 414:01, 415:01, 416:01, 417:01, 418:01, 419:01, 420:01, 421:01, 422:01, 423:01, 424:01, 425:01, 426:01, 427:01, 428:01, 429:01, 430:01, 431:01, 432:01, 433:01, 434:01, 435:01, 436:01, 437:01, 438:01, 439:01, No second antigen detected, Not Tested

***Note:*** For ambiguities involving “G” alleles, you should report the lowest member of the “G” allele string. For example, if your lab receives an 04:02/105:01 typing result, you should report 04:02.

**DPA1 HLA Codes**: 01, 01:03, 01:04, 01:05, 01:06, 01:07, 01:08, 01:09, 01:10, 01:11, 01:12, 02, 02:01, 02:02, 02:03, 02:04, 03, 03:01, 03:02, 03:03, 04, 04:01, No second antigen detected, Not Tested

**Recipient of a Living Donor Information**

***Note:*** If the donor was a living donor, complete this section.

**Name:** The name, from Living Donor Feedback, displays.

**SSN:** The number, from Living Donor Feedback, displays.

**Organ Type:** The type, from Living Donor Feedback, displays.

**Transplant Date:** The date, from Living Donor Feedback, displays.

**Transplant Center:** The center, from Living Donor Feedback, displays.

**Public Burden Statement:** The private, non-profit Organ Procurement and Transplantation Network (OPTN) collects this information in order to perform the following OPTN functions: to assess whether applicants meet OPTN Bylaw requirements for membership in the OPTN; and to monitor compliance of member organizations with OPTN Obligations. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control number for this information collection is 0915-0157 and it is valid until XX/XX/202X. This information collection is required to obtain or retain a benefit per 42 CFR §121.11(b)(2). All data collected will be subject to Privacy Act protection (Privacy Act System of Records #09-15-0055). Data collected by the private non-profit OPTN also are well protected by a number of the Contractor’s security features. The Contractor’s security system meets or exceeds the requirements as prescribed by OMB Circular A-130, Appendix III, Security of Federal Automated Information Systems, and the Departments Automated Information Systems Security Program Handbook. The public reporting burden for this collection of information is estimated to average 0.27 hours per response, including the time for reviewing instructions, searching existing data sources, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to HRSA Information Collection Clearance Officer, 5600 Fishers Lane, Room 14N39, Rockville, Maryland, 20857 or paperwork@hrsa.gov.