

If your Camelid cultures positive for bTB, it will be 'spoligotyped' as per the list below.

As camelid owners we usually refer to 'spoligotypes' as 'strain types'. Spoligotyping is used along with movement records to indicate the likely origin of the TB strain in your herd.

For example, if you live in a county which is usually strain type 9 or 11, and your strain type when cultured is for example 13, which is found in another county altogether and is not found in your area, this shows that you have been infected by coming into contact with a herd in that other county, or vice versa.

This is why Animal Health Health will ask you for your movement records. It is essential that you give a full and complete list of movements and contacts for the previous two years. To beat the disease honesty is the best policy.

This is why culturing and spoligotyping is so important. This is the method that Animal Health use to indicate whether you have been infected from an outside source other than your local wildlife.

Unfortunately, if you have the same strain type as another herd that you have been in contact with, or have bought from, and they are located in the same endemic area (home range) of that strain type, then it may not be possible to establish whether the infection came from one herd to the other, or whether both herds were exposed to the same wildlife source. However, AH will not automatically assume wildlife as the source without having first ruled out any on and off animal movements (and vice versa) to an infected herd.

This table refers to spoligotypes isolated in Cattle, but the same strains apply to Camelids

Type 9 isolated in 44% Cornwall/Devon 20% Dyfed

Type 10 " 79% Glos. SB 0272

Type 11 " 93% Devon / Somerset SB 0274

Type 12 " 94% Cornwall SB 0271(MAINLY CENTRAL/WESTERN END)

TYPE 13 Sussex SB 0273

Type 15 " 89% Cornwall SB 0275(MAINLY NORTH COAST/EASTERN END)

Type 17 " 66% Here /Worcs / Glos. SB 0263

Type 20 " 95% Cornwall SB 0145(MAINLY PENWITH -WESTERN END)

Type 21 " 74% Somerset / Avon SB 0130

Type 22 " 84% Gwent / Here / Worcs. SB 0673

Type 25 " 79% Staffs / Derbys. SB 0129

Type 35 " 77% Here / Worcs /Shrops. SB 0134